Time

01.06.20

Date: 01.06.20

LO: To be able to read o'clock

Success Criteria

- ✓ I can use an analogue clock to read o'clock and half past timings
- ✓ I can explain my reasoning when using an analogue clock to read o'clock and half past timings

How many numbers are on a clock face?

Create your own clock.
Make sure it includes:

Numbers
Minute hand
Hour hand

What do the numbers on the clock mean?

What are the different hands on the clock?

What do the hands on the clock mean?

12 numbers are shown on the clock, does this mean there's 12 hours in a day?
How do we know?

What do the big hands and small hands mean on a clock?

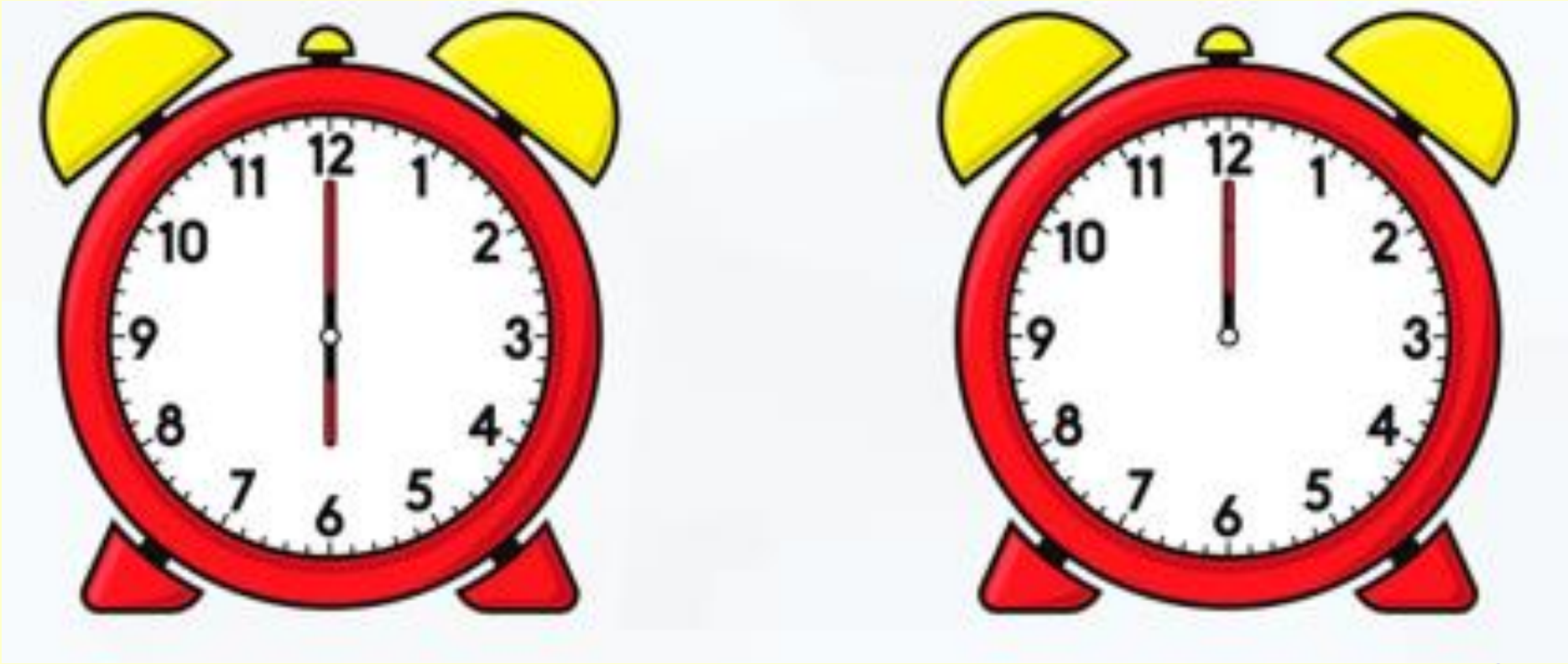
The big hand is the minute hand. It tells us how many minutes past or to the next hour.

The small hand is the hour hand. This tells us which hour it is.

For o’clock times, the minute hand will always be on _____.

What will happen to the hour hand and minute hand when it moves to the next hour?

What time is shown?



Challenge

If it is 4 o’clock the minute hand is point at _____ and the hour hand is point at _____.

If it is 9 o’clock the hour hand is point at _____ and the minute hand is point at _____.

Can you create your own time sentences?

Reflection

I have shown 2 o'clock on the clock.

What mistake has Dom made?

Time

02.06.20

Date: 02.06.20

LO: To be able to read o'clock and half past

Success Criteria

- ✓ I can use an analogue clock to read o'clock and half past timings
- ✓ I can explain my reasoning when using an analogue clock to read o'clock and half past timings

Recap:
What do the big hands and small hands mean on a clock?

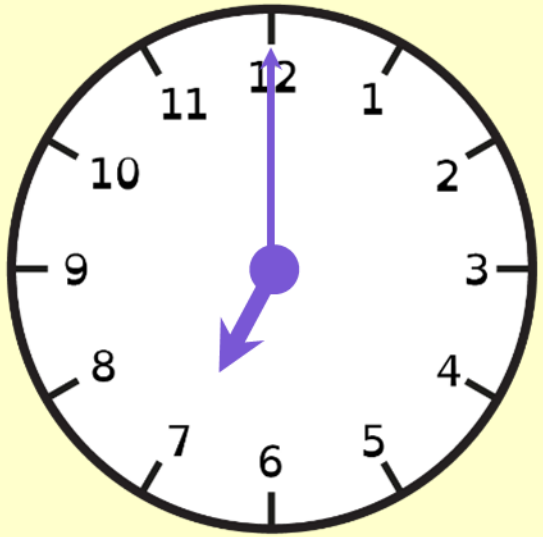
The big hand is the minute hand. It tells us how many minutes past or to the next hour.

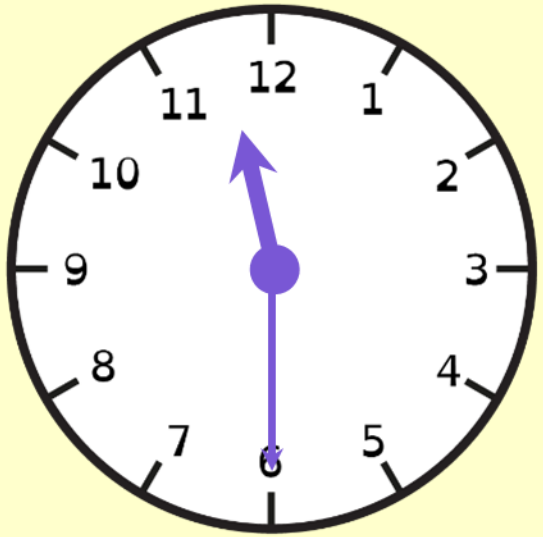
The small hand is the hour hand. This tells us which hour it is.

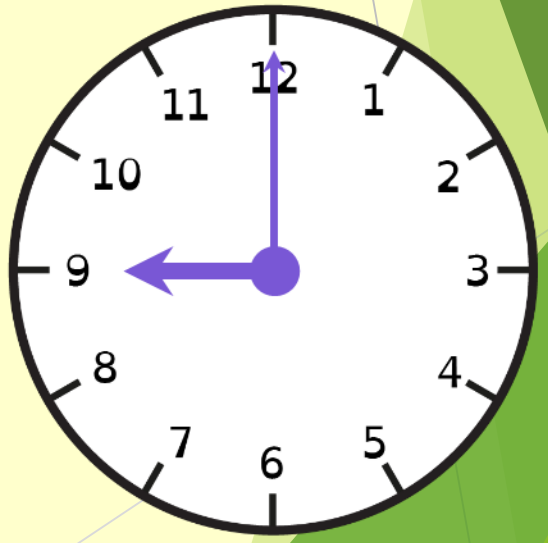
Starter

Can you use your time skills to explain to a grown up which clock doesn't belong.
Remember to use I know that statements.
I know that it is… because …

Which one doesn't belong?

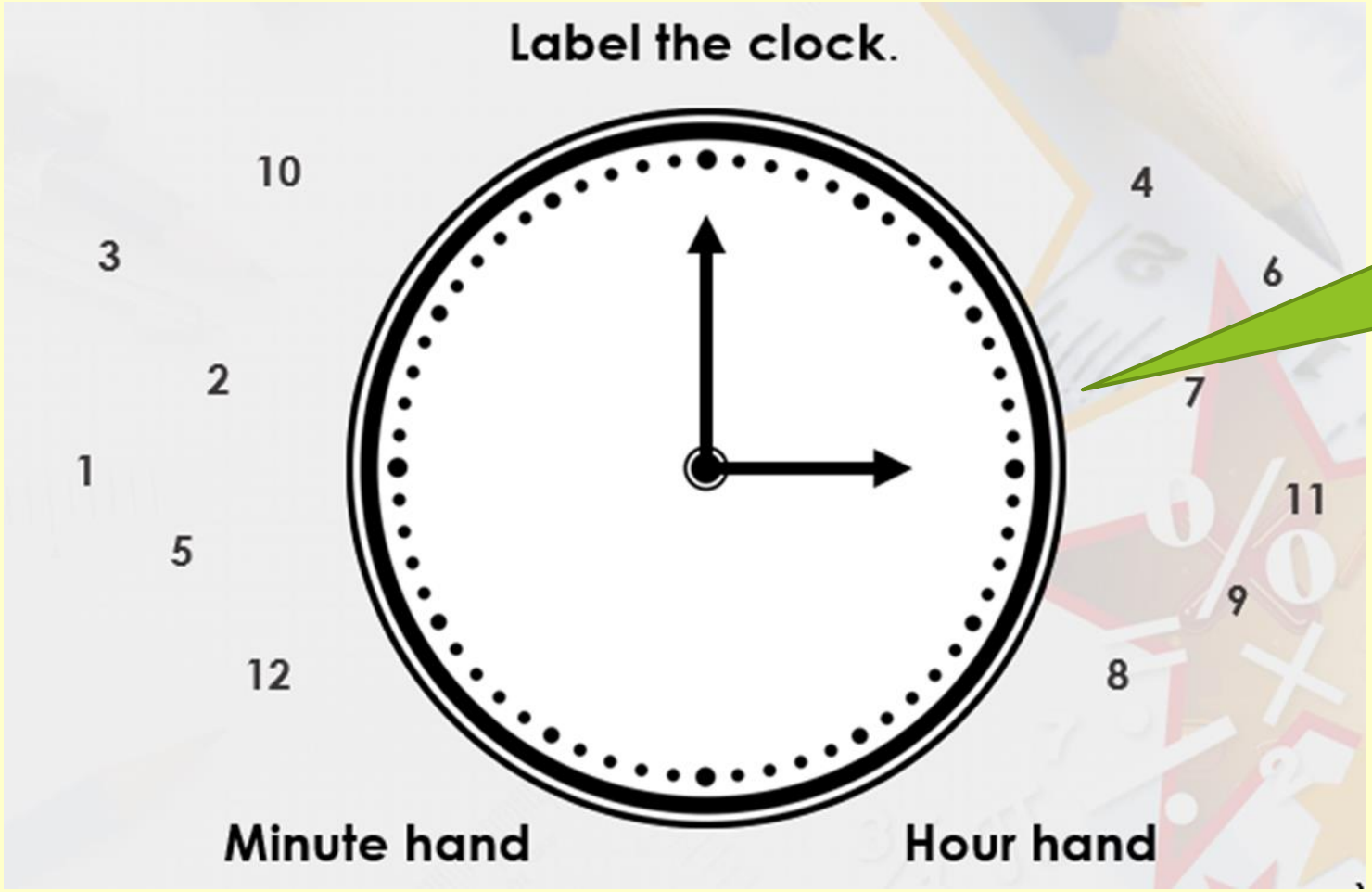






Explain your answer.

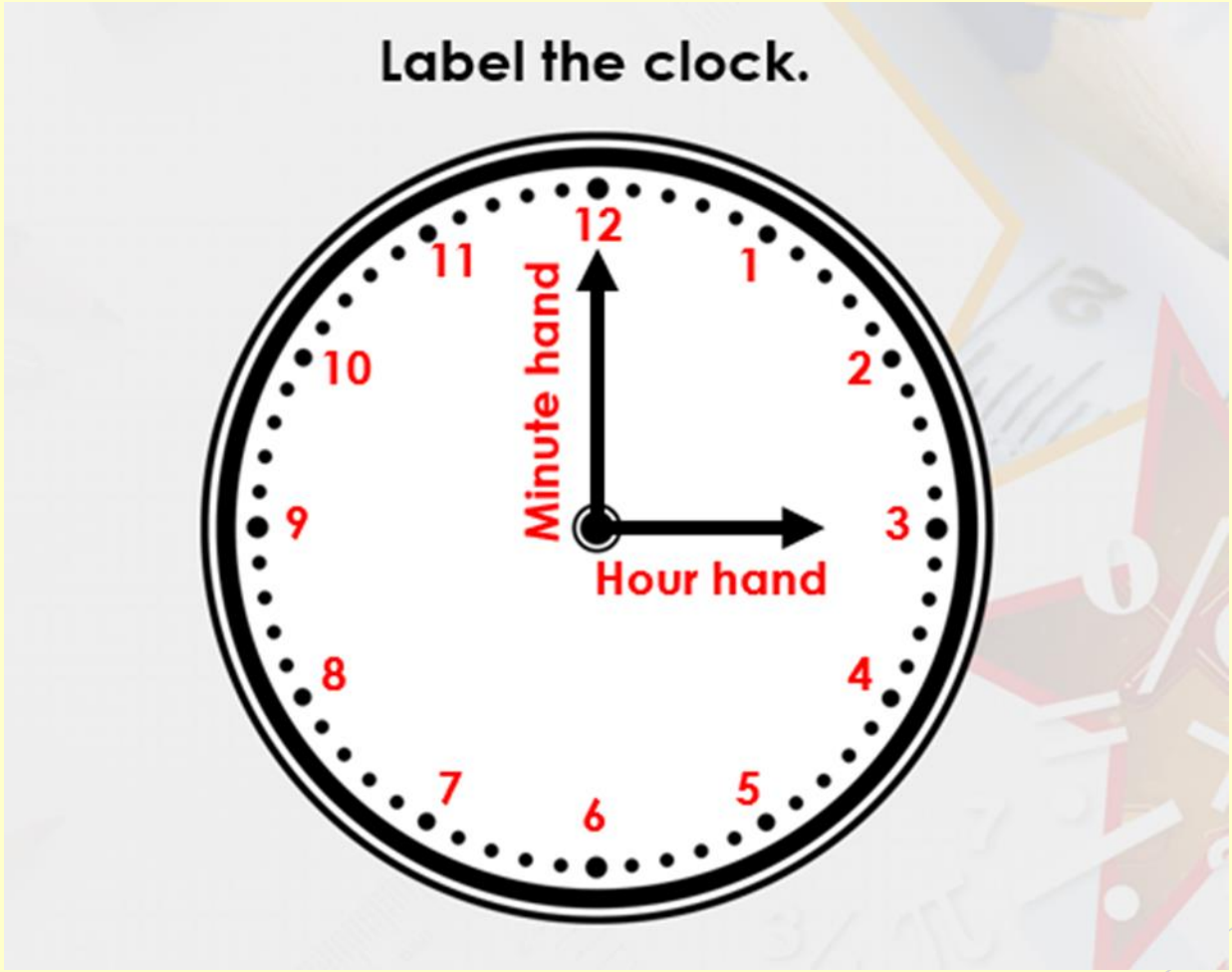
Descriptive teaching



Can you point to where the numbers will go?

Which hand is which?

Descriptive teaching

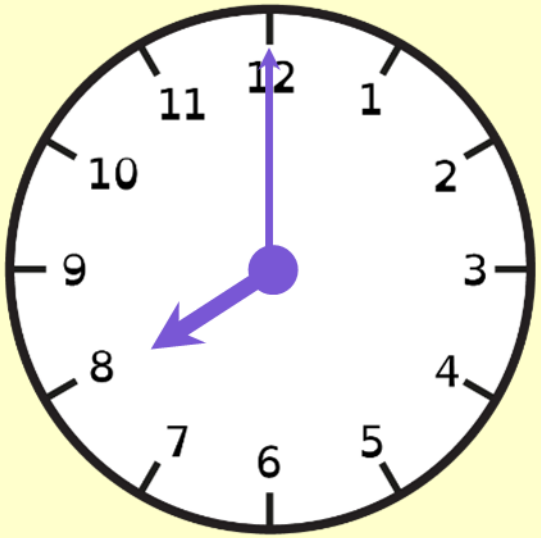


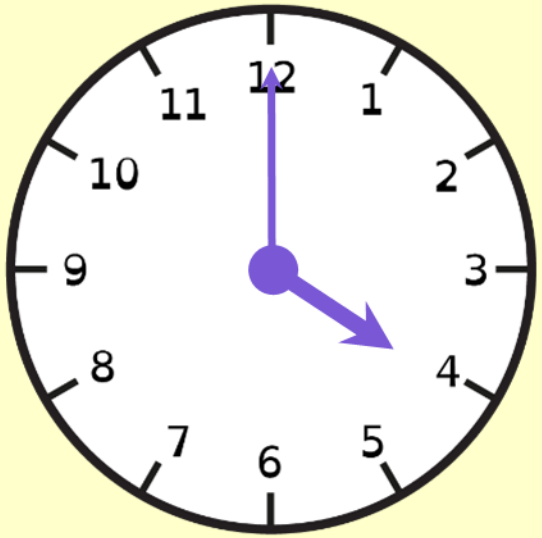
Descriptive teaching

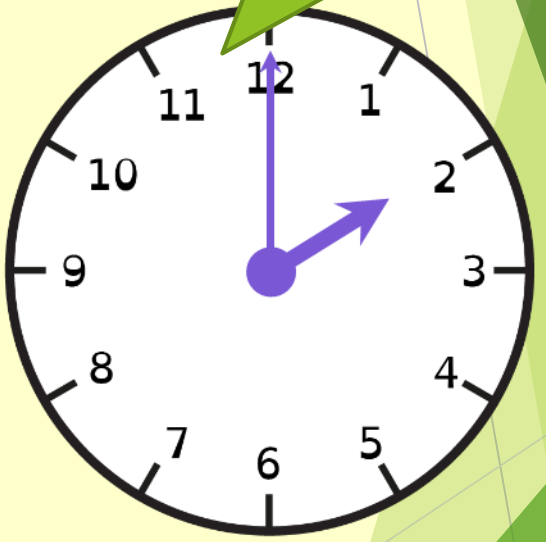
Can you match the times to the clocks?

Where does the long hand go when it is O'clock?

Match each clock face to its description.







2 o'clock

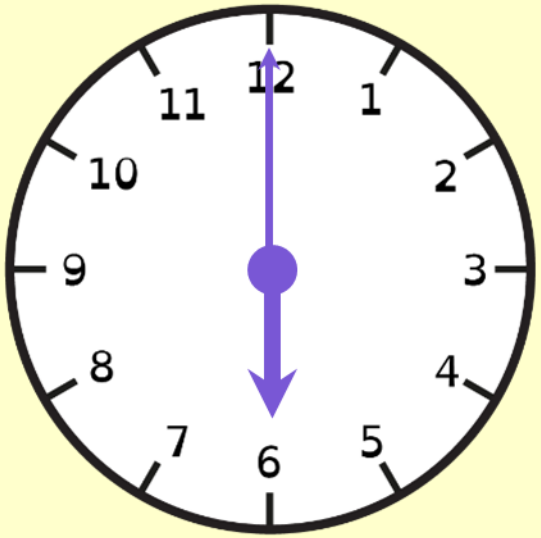
8 o'clock

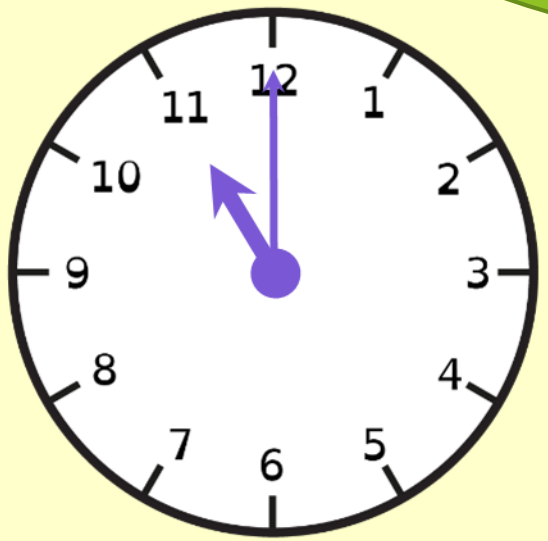
4 o'clock

Descriptive teaching

Match each clock face to its description.

Can you match the times and the clocks?





1 o'clock

6 o'clock

11 o'clock

Descriptive teaching

For half past times, the minute hand will always be on _____.

What will happen to the hour hand?

_____

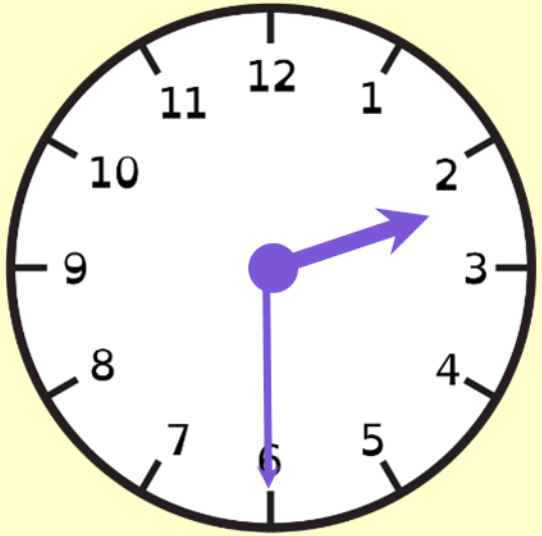
_____

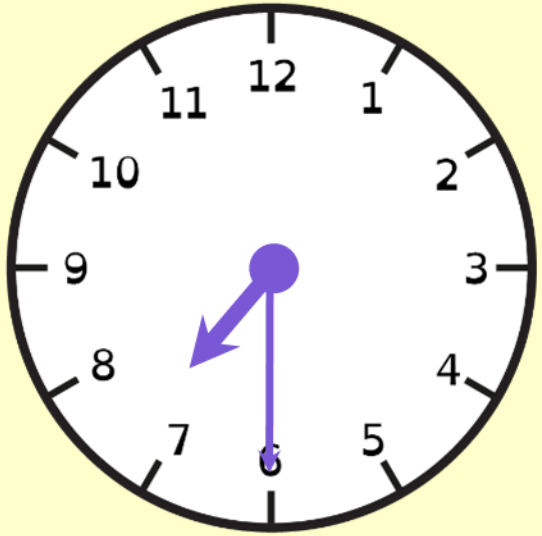
It will go half way between the current hour and the next hour.

Descriptive doing

Where does the long hand (minute hand) go when it is half past?

Match each clock face to its description.





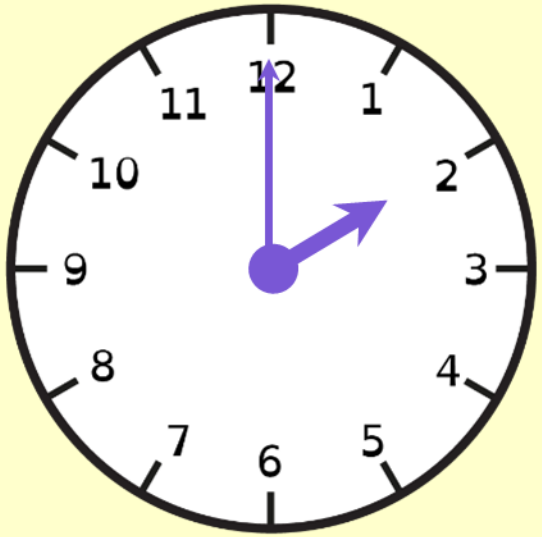
half past 7

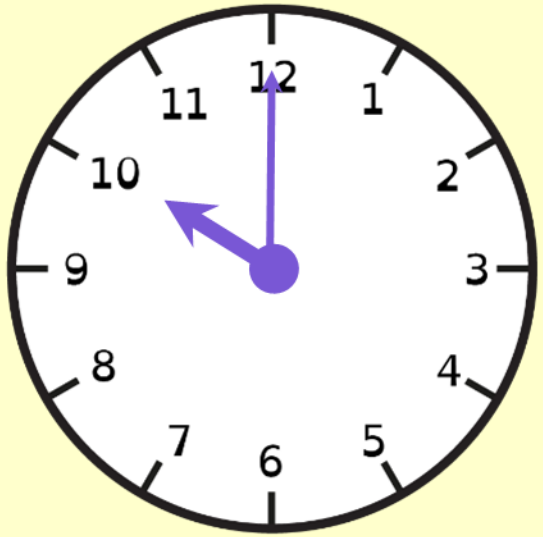
half past 4

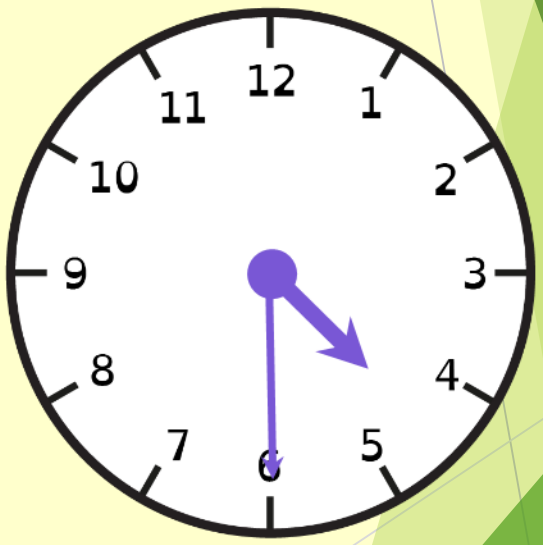
half past 2

Reflective teaching

Which o'clock or half past time is shown on each of the clock faces below?



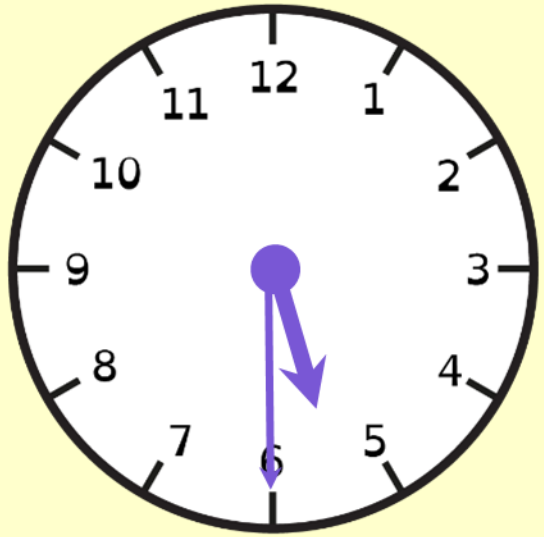


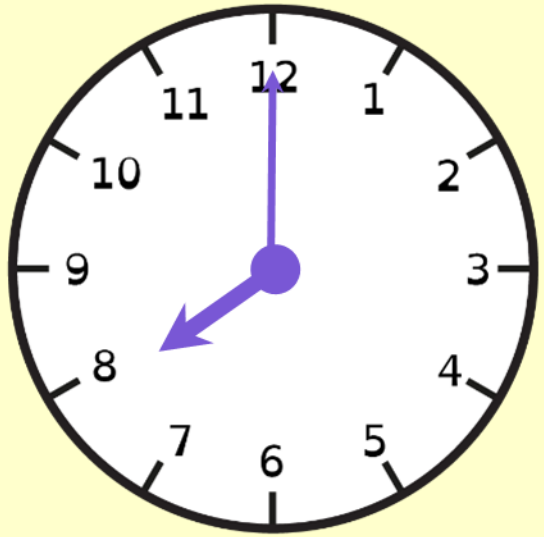


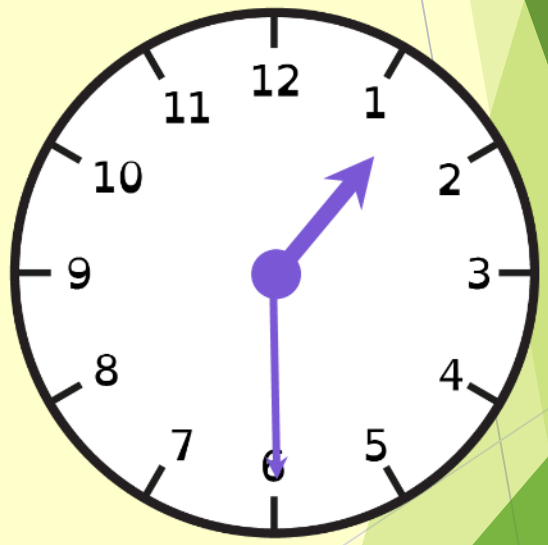
Reflective doing

Write the times that each clock face shows

Which o'clock or half past time is shown on each of the clock faces below?



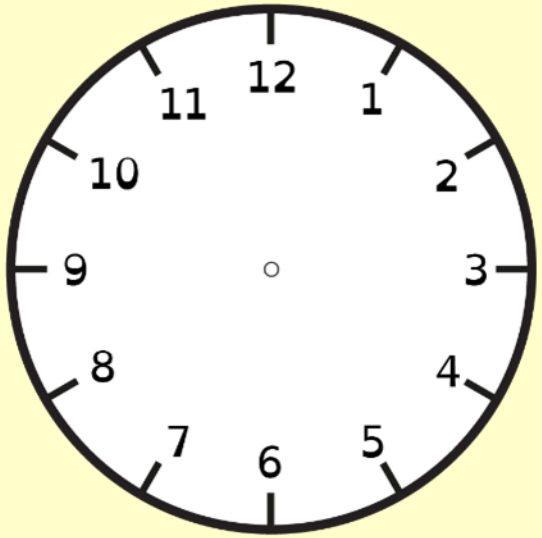


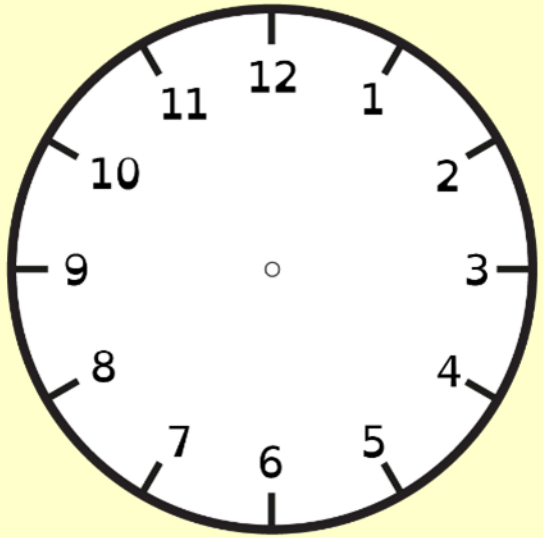


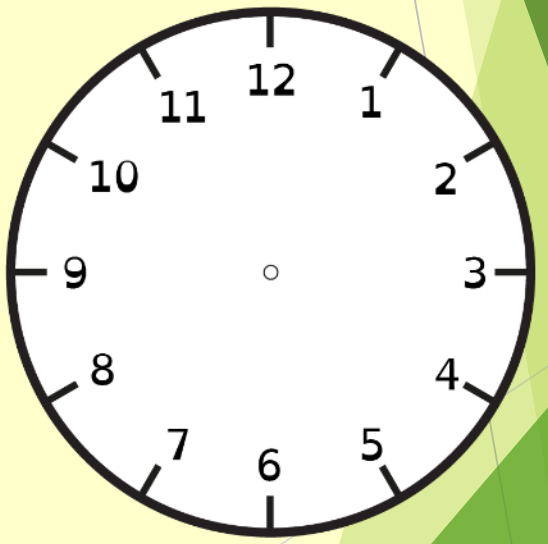
Reflective doing

Can you draw the hour and minute hand on the clock correctly to show the times?

Referring to the times given below, draw hands on the clocks faces shown.







6 o'clock

half past 3

half past 9

Challenges

The following slides are questions for you to work through independently. These are reasoning and problem solving question so if it says **EXPLAIN** you need to write how you know the answer.

There are 3 sets of work – Green (the easiest), Orange and Red(the hardest). Choose one set you feel most comfortable with.

You could challenge yourself by completing more than one challenge!

Challenge

1a. Match the clock to the time and the most likely event.

Half past 8	Half past 6	6 o'clock
Going to school	Having lunch	Going home

D

2 PS

2a. Match the clock to the time and the most likely event.

Half past 8	Half past 6	6 o'clock
Having dinner	Having lunch	Starting school

D

2 PS

Challenge

2a. Jason is trying to tell the time.

It is 6 past 8.

Is Jason correct? How do you know?

D

2 R

2b. Ellie is trying to tell the time.

It's half past 6.

Is Ellie correct? How do you know?

D

2 R

Challenge

3a. The hour hand has fallen off this clock. Sam says:

It's half past 8. So the hour hand would be pointing at the 8.

Is Sam right? Explain how you know.

D

2 R

3b. The hour hand has fallen off this clock. Nikki says:

It's 6 o'clock. That means the hour hand would be pointing at 12.

Is Nikki right? Explain how you know.

D

2 R

Challenge

4a. Match the clocks to the time and the most likely event.

Half past 8	Half past 6	12 o'clock
Going to school	Having lunch	Going home

2 PS

4b. Match the clocks to the time and the most likely event.

Half past 3	9 o'clock	6 o'clock
Start of school	Having lunch	Going home

2 PS

Challenge

5a. Dustin is trying to tell the time.

It is between 6 o'clock and 7 o'clock.

Is Dustin right? How do you know?

2 R

5b. Millie is trying to tell the time.

It's 6 o'clock.

Is Millie right? How do you know?

2 R

Challenge

6a. The hands have fallen off this clock. Lucas says:

It's 4 o'clock so the minute hand should be pointing at the 12.

Is Lucas right? Explain how you know.

E

2 R

6b. The hands have fallen off this clock. Aqba says:

It's 12 o'clock so the hands should both be pointing to the same place.

Is Aqba right? Explain how you know.

E

2 R

Challenge

7a. Match the clock to the time and the most likely event.

12 o'clock	Half past 3	6 o'clock
Having supper	Having lunch	Going home

GD

2 PS

7b. Match the clock to the time and the most likely event.

Half past 8	Half past 6	9 o'clock
Starting school	Having lunch	Being at home

GD

2 PS

Challenge

8a. Steve is trying to tell the time.

It's 6 past 6.

Is Steve right? How do you know?

GD

2 R

8b. Macey is trying to tell the time.

It must be midnight.

Is Macey right? How do you know?

GD

2 R

Challenge

9a. The minute hand has fallen off this clock. Kate says:

Is Kate right? Explain how you know.

GD

2 R

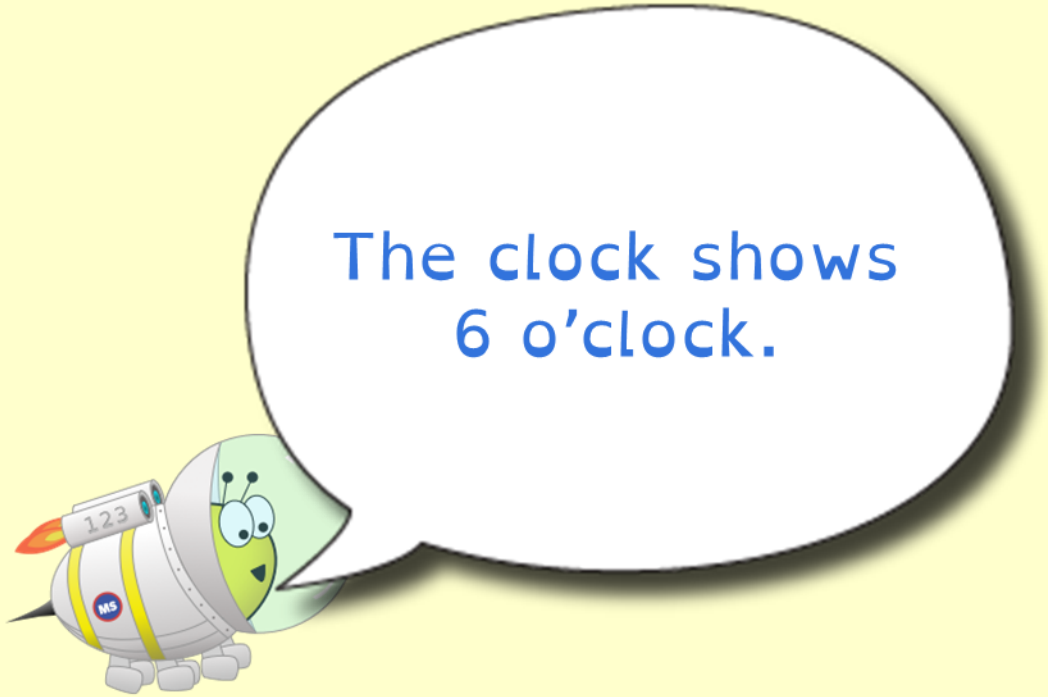
9b. The minute hand has fallen off this clock. Kevin says:

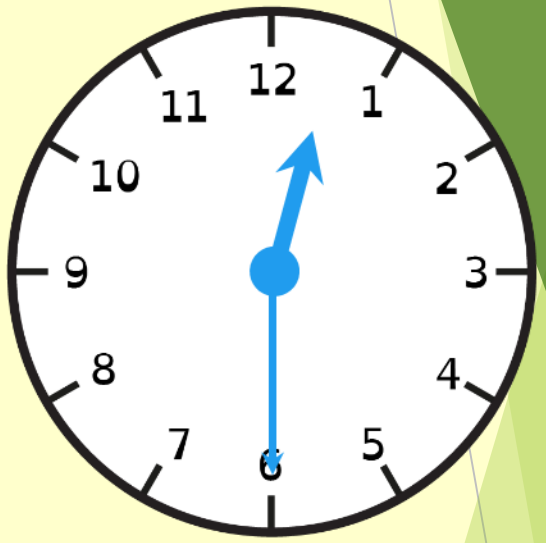
Is Kevin right? Explain how you know.

GD

2 R

Reflection Time





Is Astrobee's statement true or false?

Explain your answer.

Time

03.06.20

Date: 03.06.20

LO: To be able to read quarter past and quarter to timings

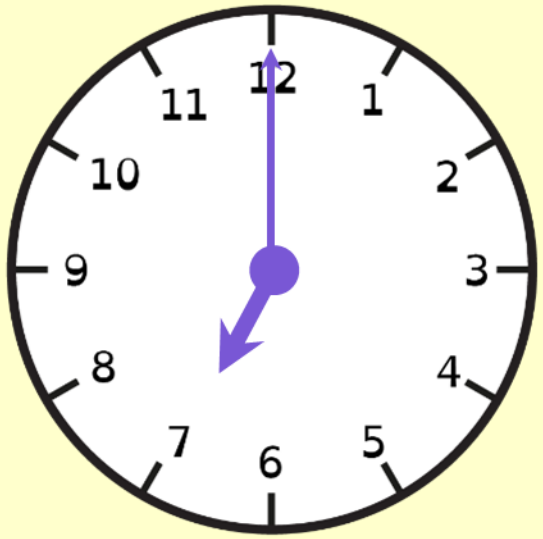
Success Criteria

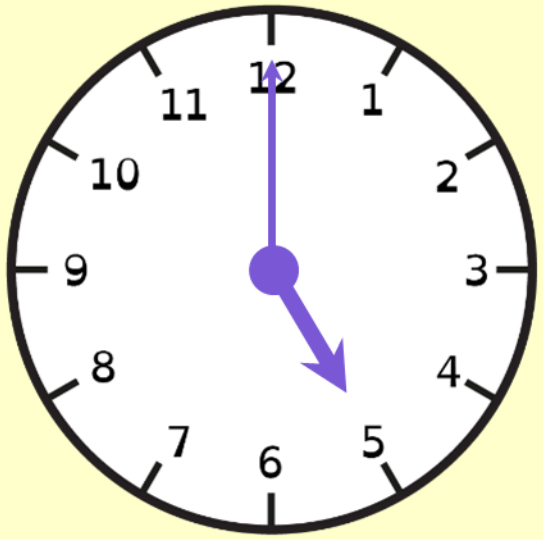
- ✓ I can use an analogue clock to read quarter past and quarter to timings
- ✓ I can explain my reasoning when using an analogue clock to read quarter past and quarter to timings

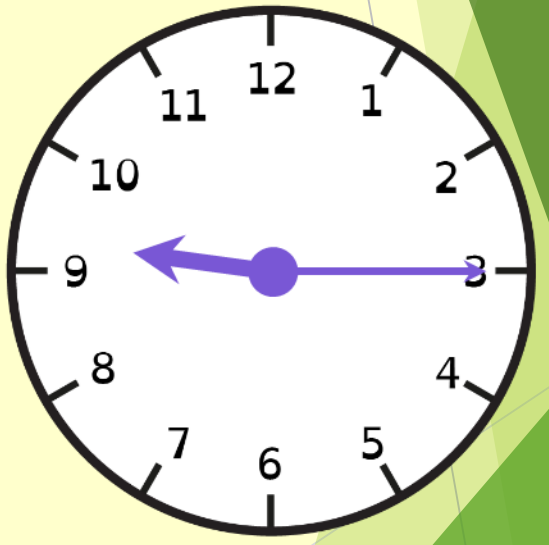
12
1
2
3
4
5
6
7
8
9
10
11
TO
PAST

Starter

Which one doesn't belong?



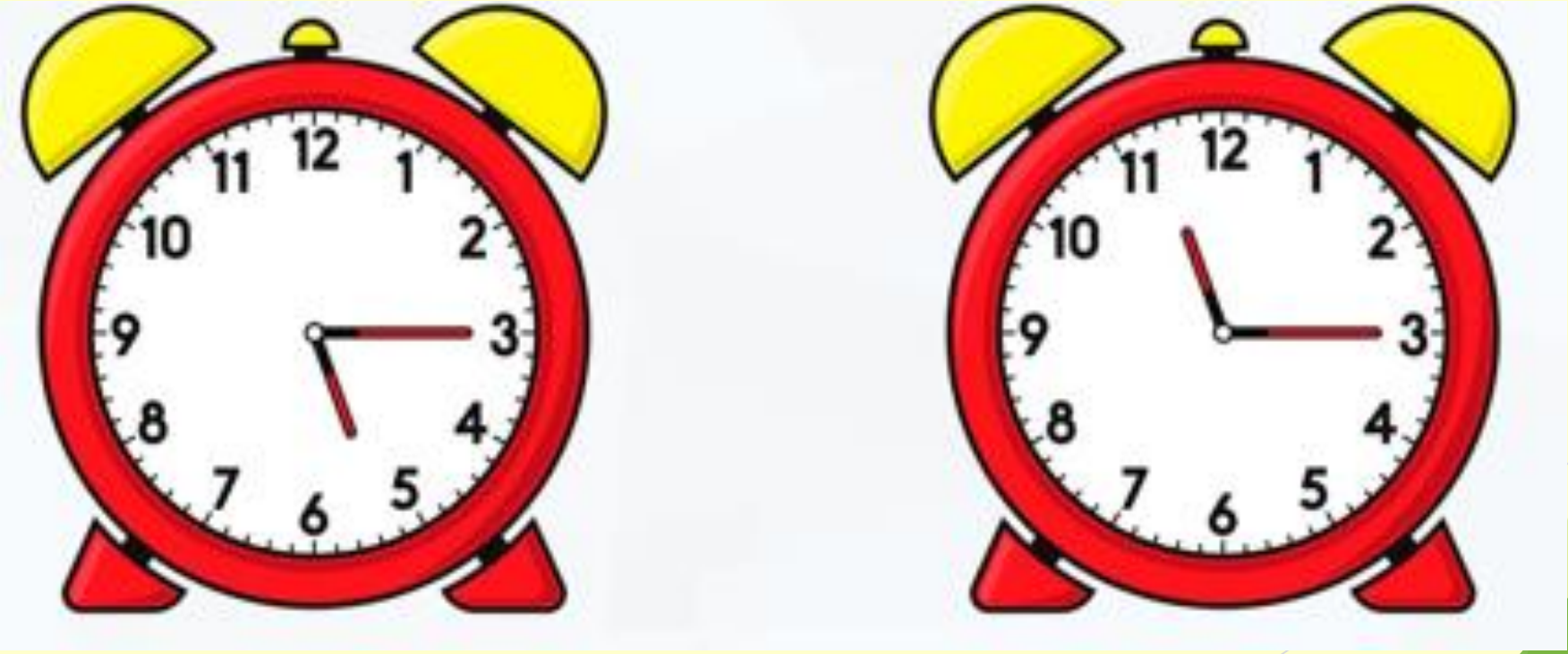




Explain your answer.

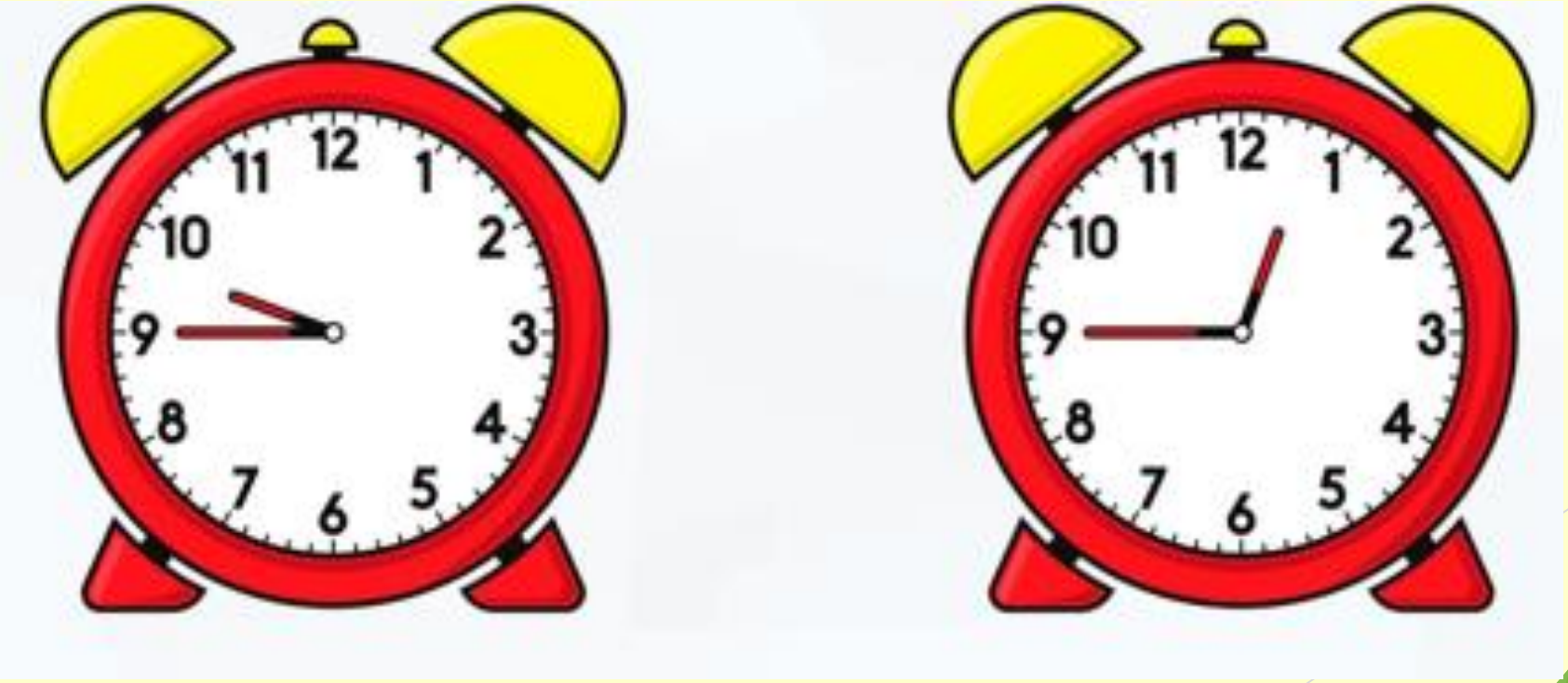
Descriptive doing

What time is shown?



Descriptive doing

What time is shown?



Descriptive teaching

It is quarter to 9 so the minute hand should be on 3 and the hour hand should be nearer 8 than 9.

Do you agree with Sue?
Explain your answer.

Descriptive teaching

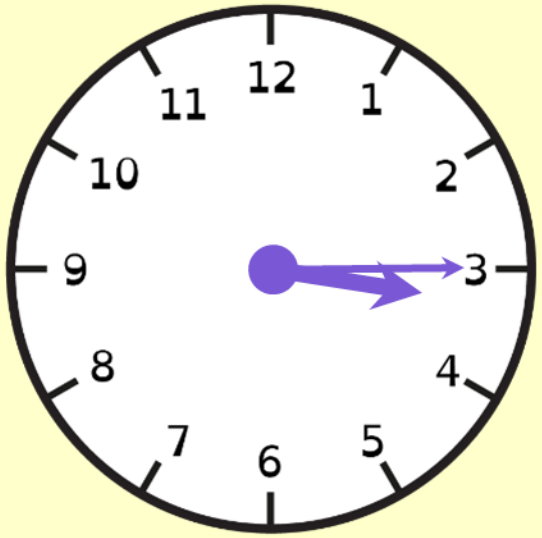
The time is half past a particular hour.
The time is between 7 o'clock and quarter past 9.

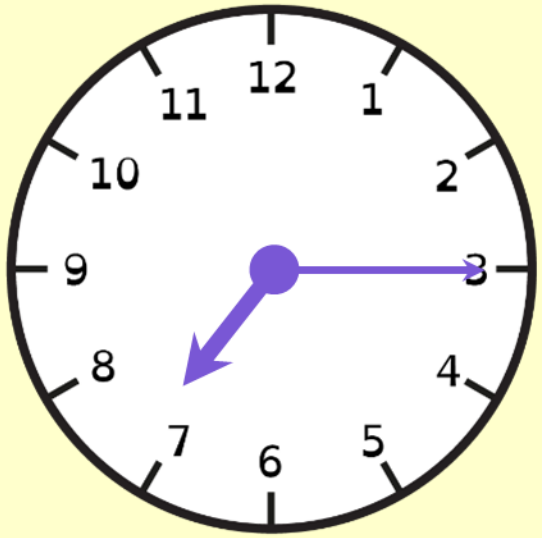
What could the time be?

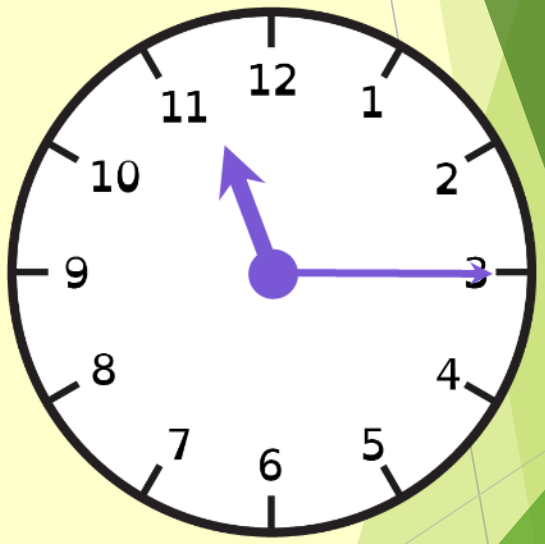
Reflective teaching

Activity 1:

Match each clock face to its description.







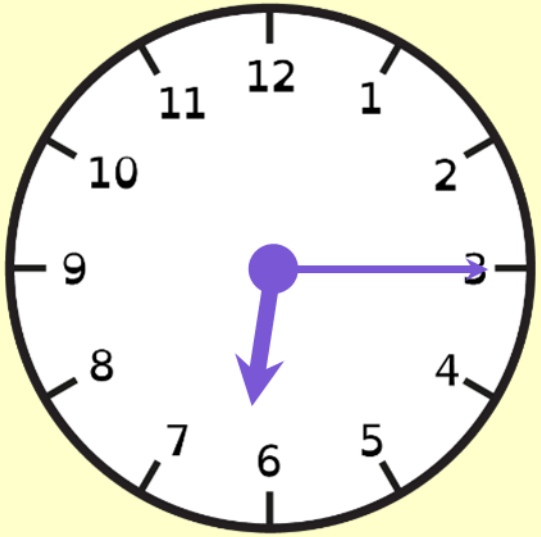
quarter past 7

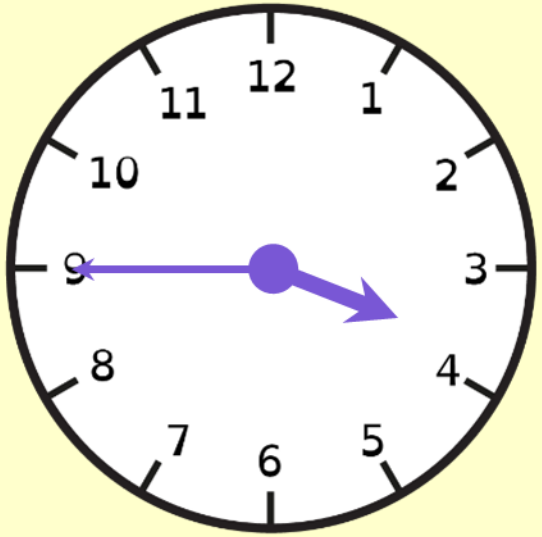
quarter past 11

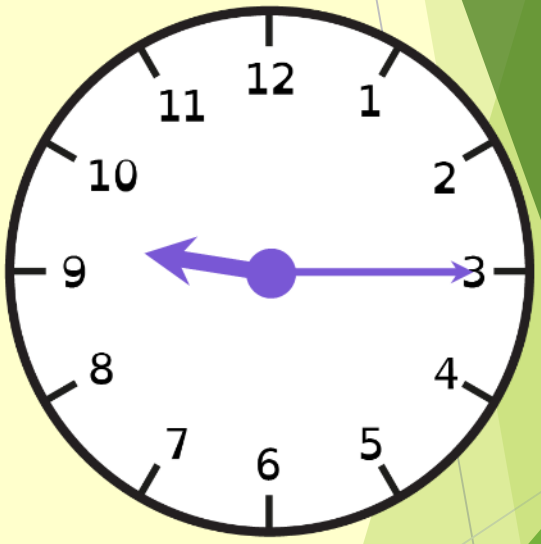
quarter past 3

Reflective doing

Which quarter past or quarter to time is shown on each of the clock faces below?

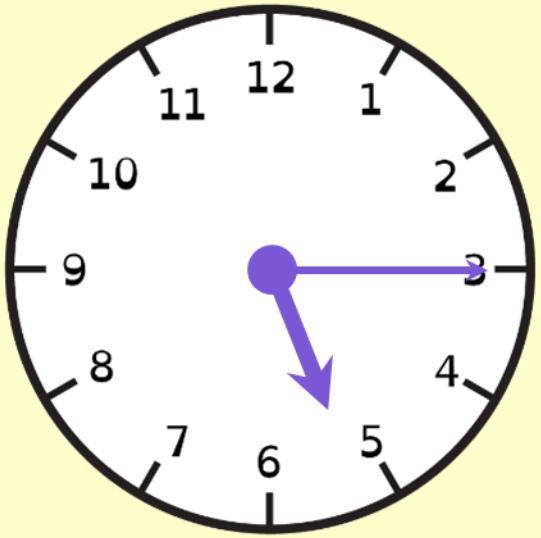


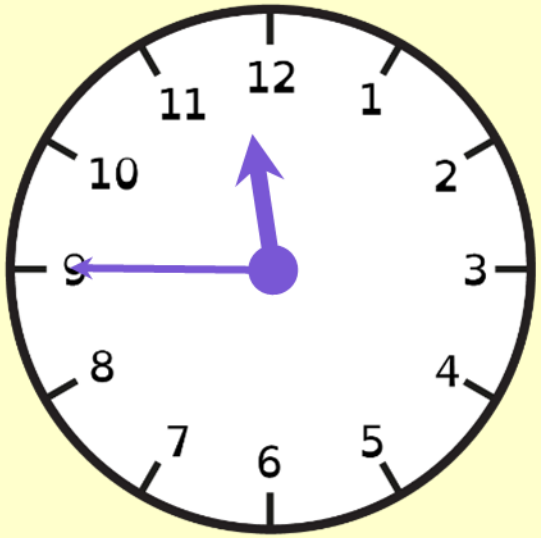


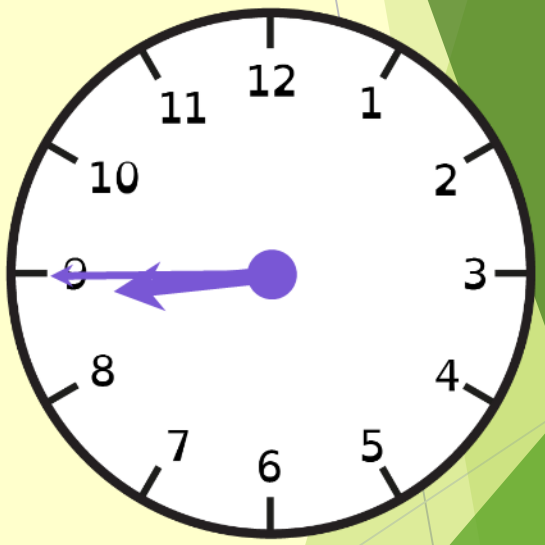


Reflective doing

Which quarter past or quarter to time is shown on each of the clock faces below?

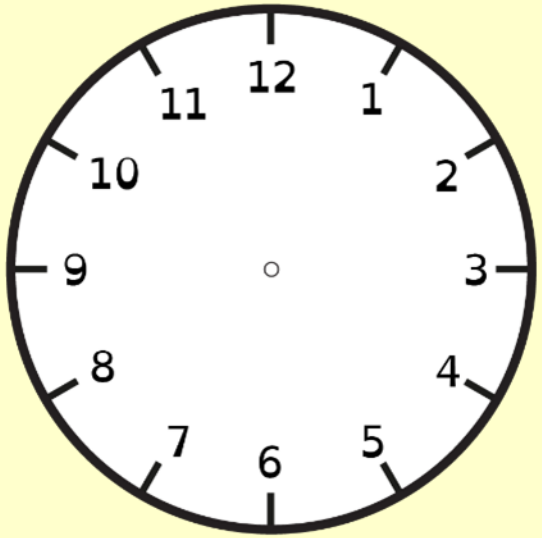


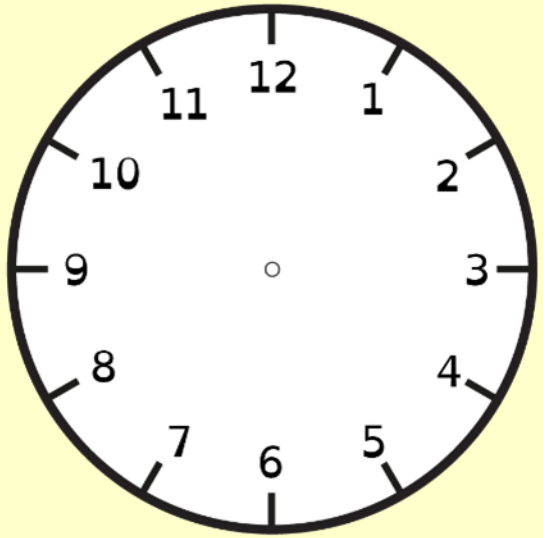


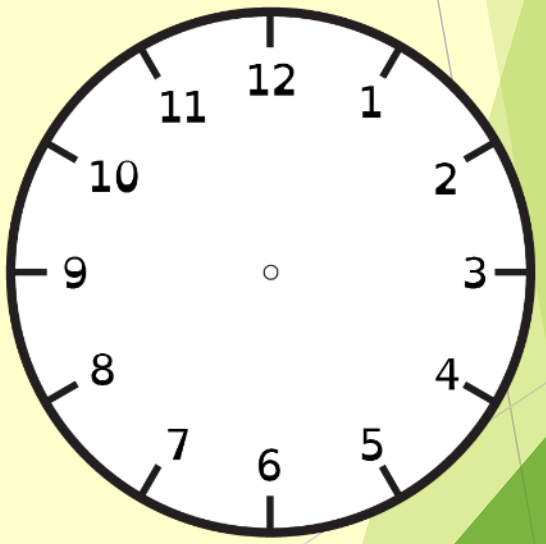


Reflective doing

Referring to the times given below, draw hands on the clocks faces shown.







quarter past 5

quarter to 10

quarter to 1

Challenge

1. Look at the clocks below. Use [to] and [past] to fill in the blanks.

A. The time is quarter [ ] 7.

B. The time is quarter [ ] 6.

VF
HW/Ext

2. Draw the minute hands to complete the clock patterns adding 15 minutes more each time.

A.

Quarter past 2

Half past 2

Quarter to 3

B.

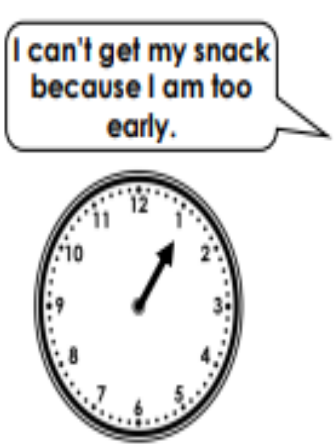
5 o'clock

Quarter past 5

Half past 5

VF
HW/Ext

3. Billy the Bear wants his snack but he won't get it if he is too early or too late! His snack time is at quarter past 1.



Do you agree with Billy? Complete the clock to help you explain why.

PS
HW/Ext

Challenge

4. Look at the clocks below. Use [to] and [past] to fill in the blanks.

A. The time is quarter [ ] 8.

What time will it be in an hour?

Quarter [ ] 9.

B. The time is quarter [ ] 5.

What time will it be in 30 minutes?

Quarter [ ] 6.

VF
HW/Ext

5. Draw the hour and minute hands to complete the clock patterns adding 15 minutes more each time.

A.

B.

VF
HW/Ext

6. Wade the Wolf wants his snack but he won't get it if he is too early or too late! His snack time is at quarter past 2.

Do you agree with Wade? Draw a clock to help you explain why.

Challenge

7. Look at the clocks below. Fill in the blanks.

A. The time is _____.

What time was it one hour before?

The time was _____.

B. The time is _____.

What time was it 30 minutes before?

The time was _____.

VF HW/Ext

8. Draw the hour and minute hands to complete the clock patterns adding 15 minutes more each time.

A.

B.

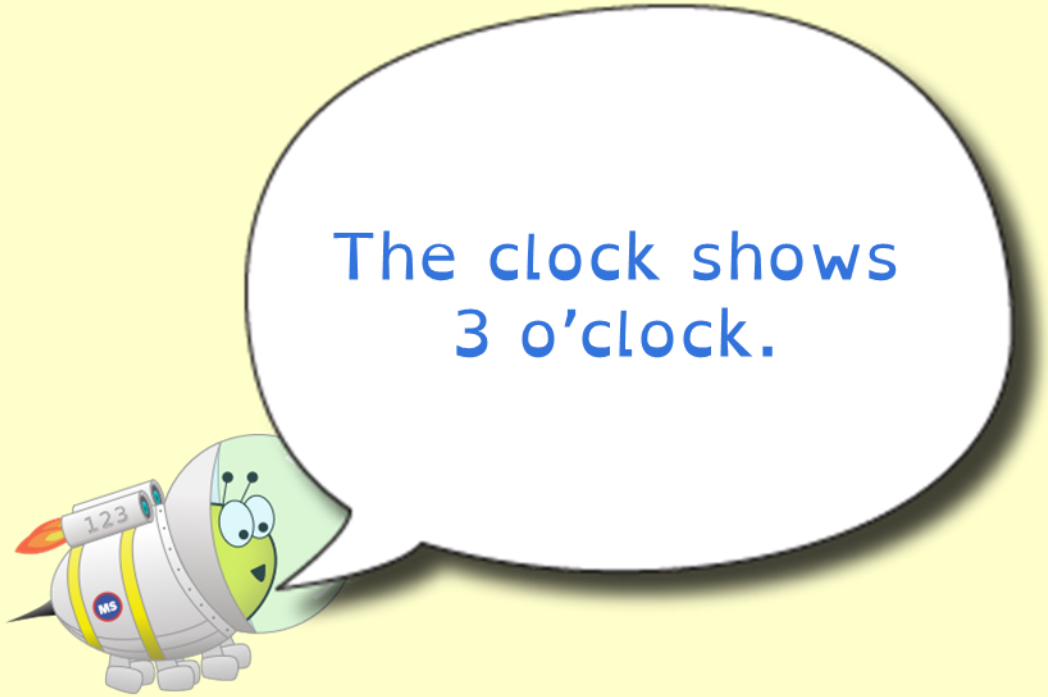
VF HW/Ext

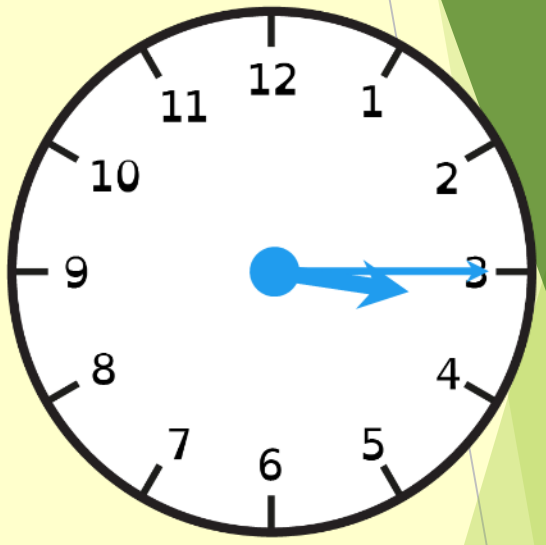
9. Freddie the Fox wants his snack but he won't get it if he is too early or too late! His snack time is at quarter to 7.

Is Freddie correct? Draw a clock to help you explain.

PS HW/Ext

Reflection





Is Astrobee's statement true or false?

Explain your answer.

Time

04.06.20

Date: 04.06.20

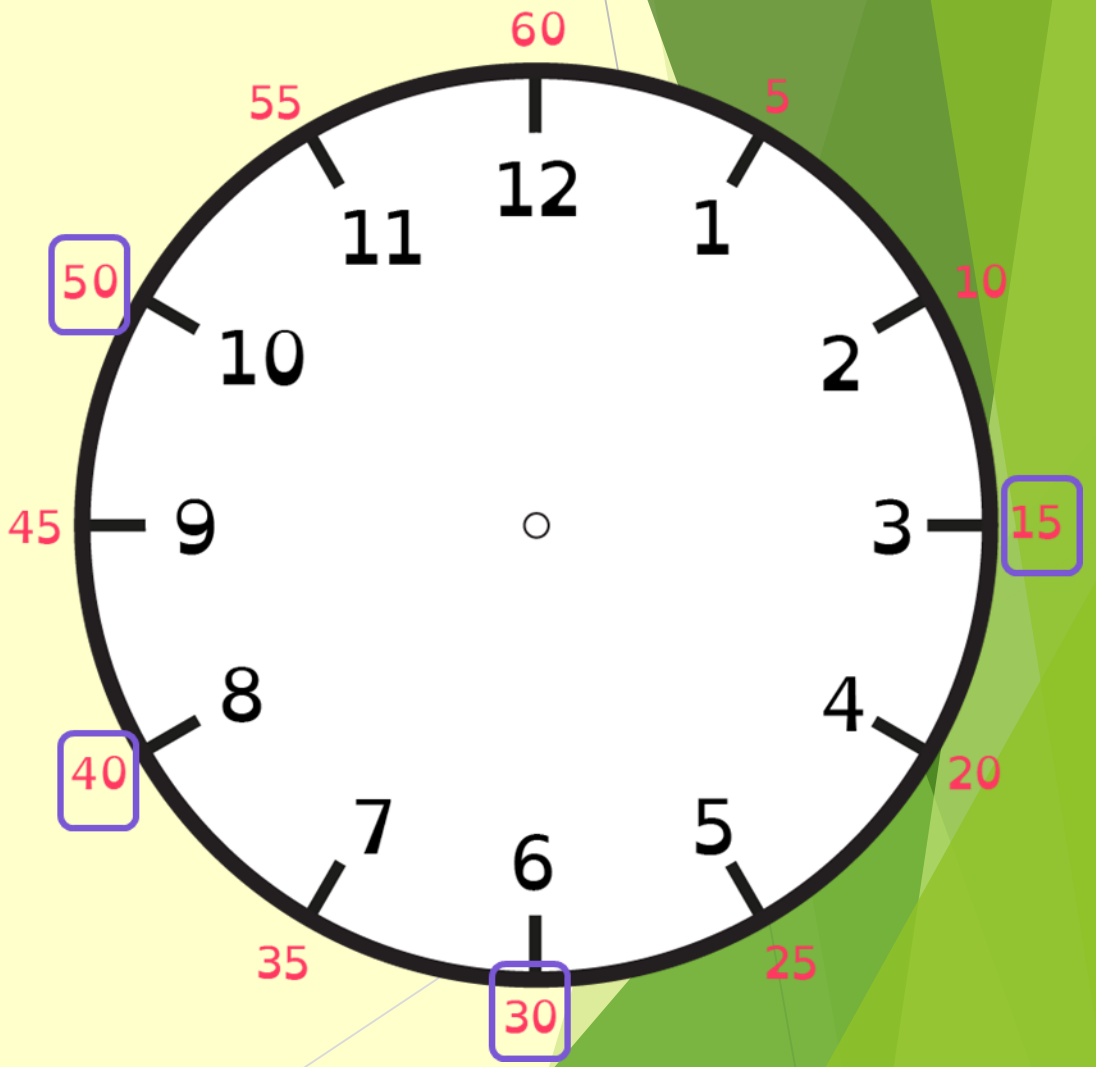
LO: To be able to tell the time to the nearest 5 minutes

Success Criteria

- ✓ I can use an analogue clock to tell the time to the nearest 5 minutes
- ✓ I can explain my reasoning when using an analogue clock to tell the time to the nearest 5 minutes

Starter

Which minute measurement doesn't belong?

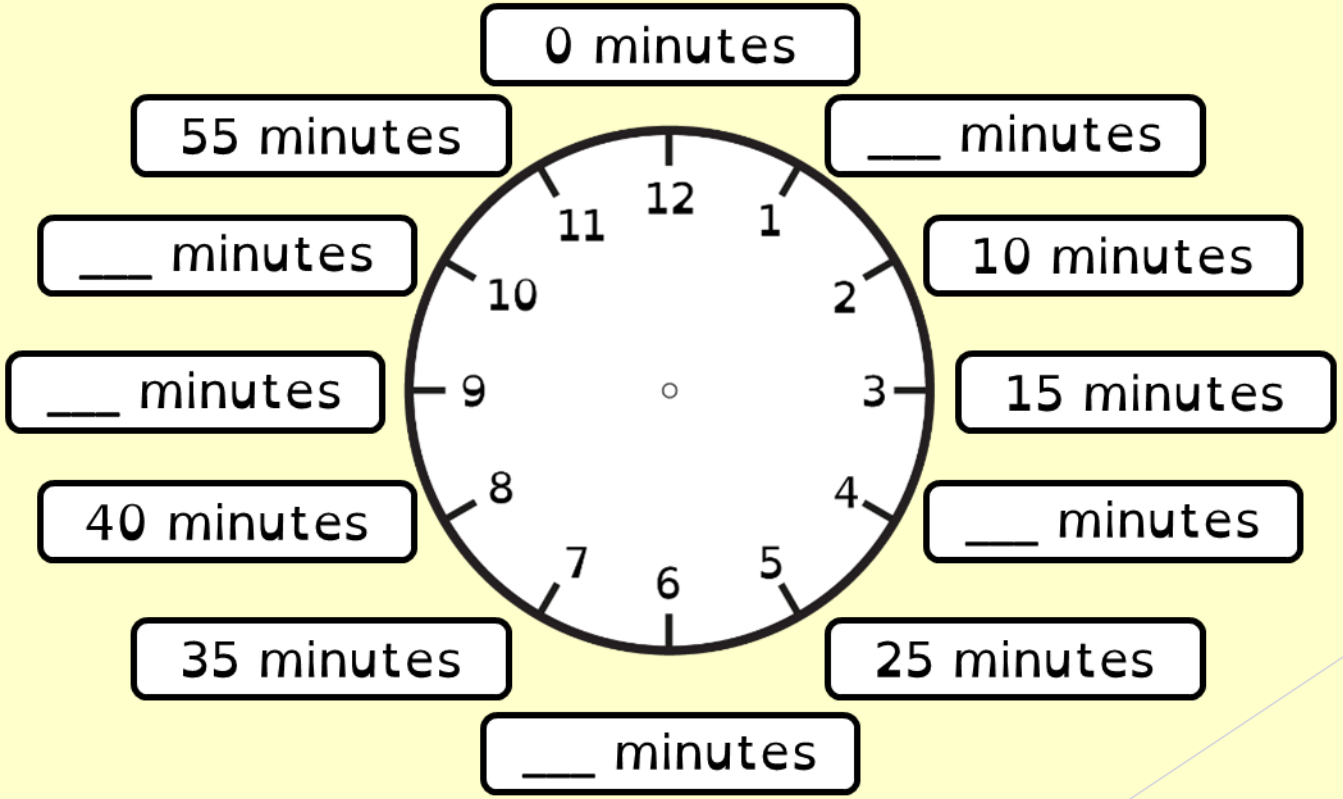


Explain your answer.

Descriptive Teaching

Use your 5 times tables to help you.

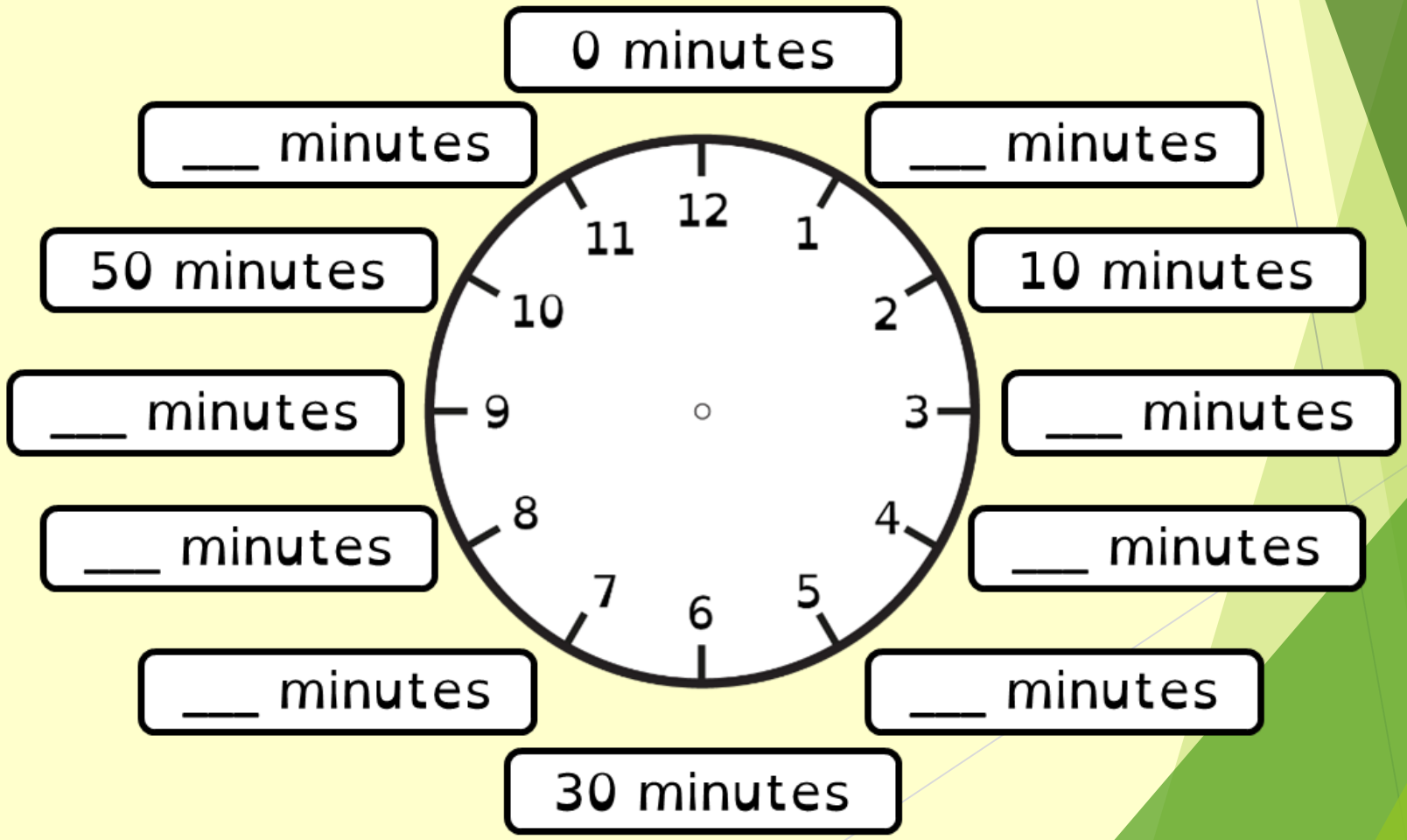
Complete the labels for the clock below.



Descriptive Teaching

Now try this independently

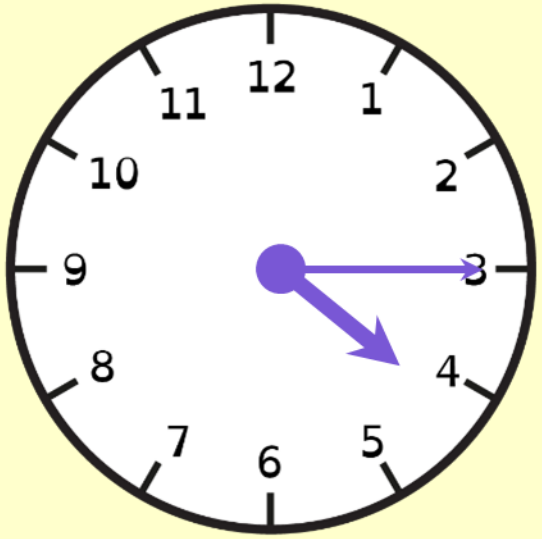
Complete the labels for the clock below.



Descriptive Doing

Complete this in your books

Referring to the clock shown, fill in the blanks in the measurement below.

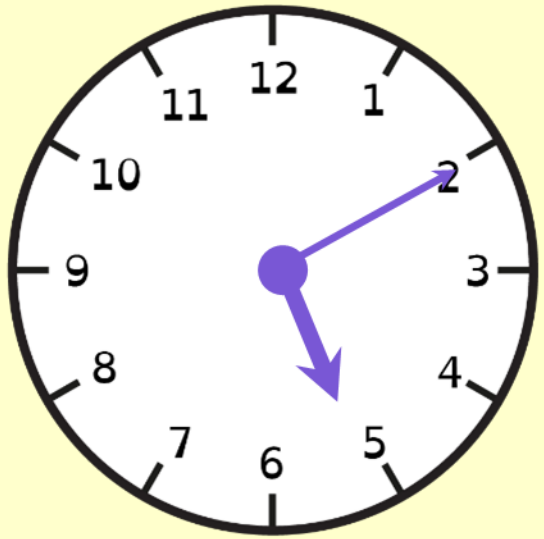


___ minutes past ___

Descriptive Doing

Complete this in your books

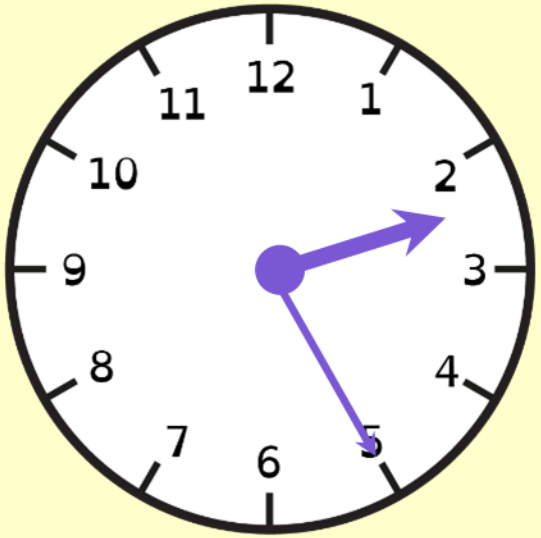
Referring to the clock shown, fill in the blanks in the measurement below.



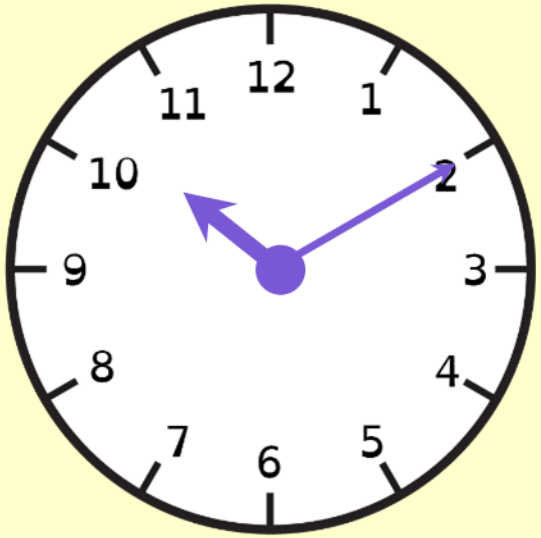
___ minutes past ___

Reflective Doing

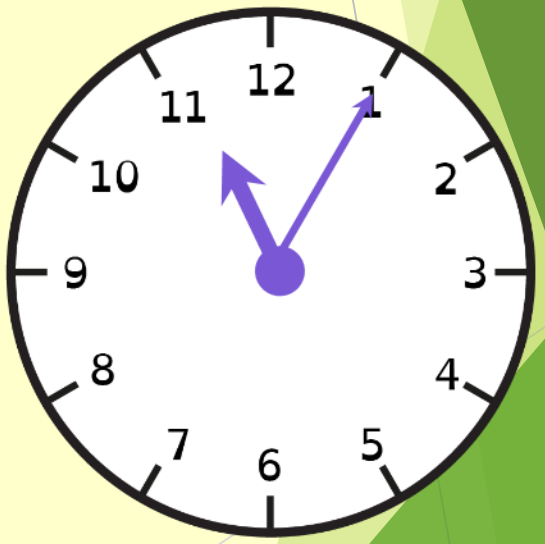
Referring to the clocks shown, fill in the blanks in the measurements below.



___ minutes past ___



___ minutes past ___

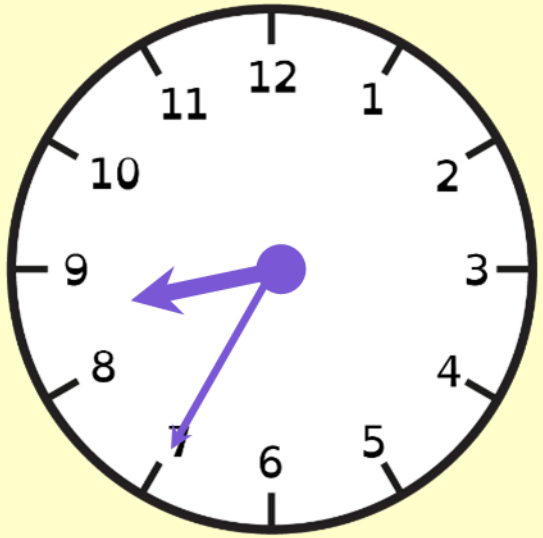


___ minutes past ___

Reflective Doing

Complete this in your books

Referring to the clock shown, fill in the blanks in the measurement below.

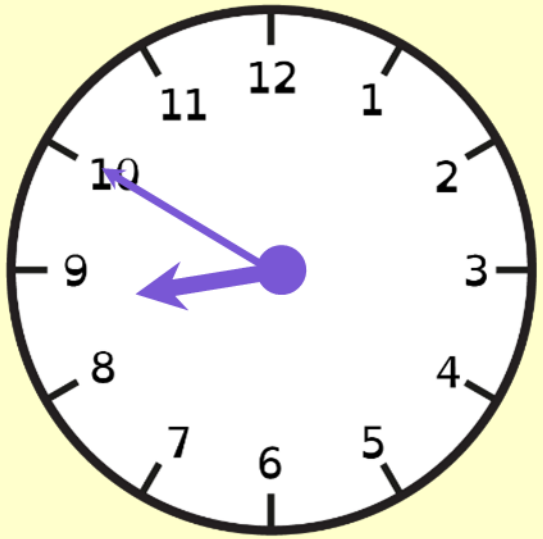


___ minutes to ___

Reflective Doing

Complete this in your books

Referring to the clock shown, fill in the blanks in the measurement below.

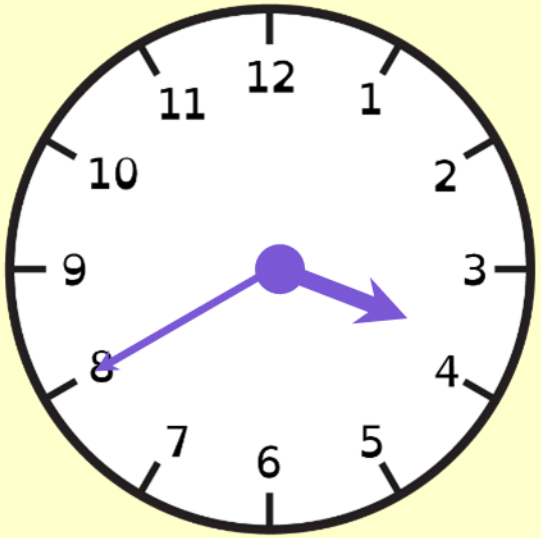


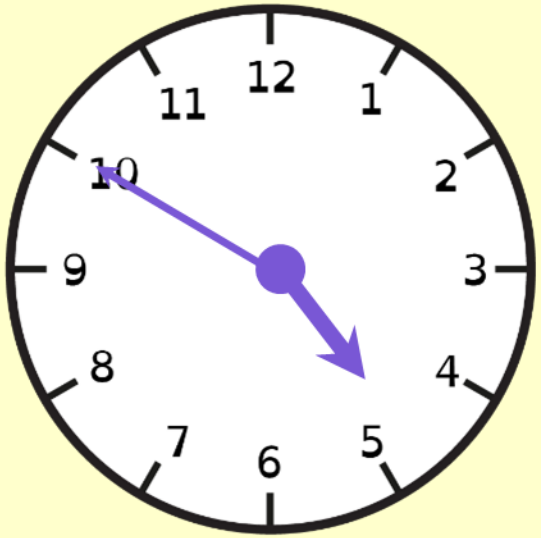
___ minutes to ___

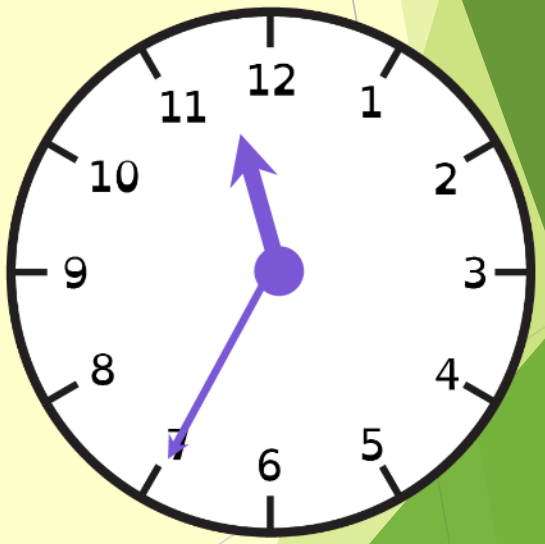
Reflective Doing

Complete this in your books

Referring to the clocks shown, fill in the blanks in the measurements below.







___ minutes to ___

___ minutes to ___

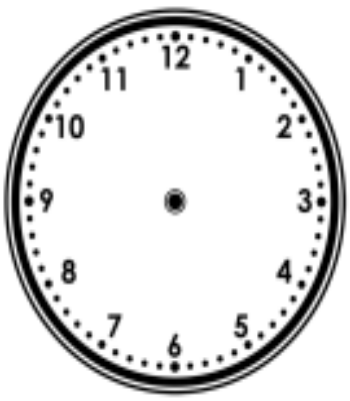
___ minutes to ___

Challenge

1. Draw a line to match the times to the number on the clock that the minute hand would be pointing at.

quarter past

half past



o'clock

quarter to

VF
HW/Ext

2. Draw the minute hand on the clocks to tell the correct time.

A.

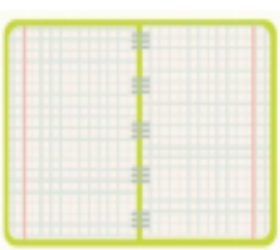
B.

5 o'clock

Half past 9

VF
HW/Ext

3. It takes Shawaiz 5 minutes to complete each worksheet his teacher gives him. He has 3 worksheets to complete.



If I start working at 1 o'clock, I will be finished at quarter past 1.

Is Shawaiz correct?
Explain how you know.

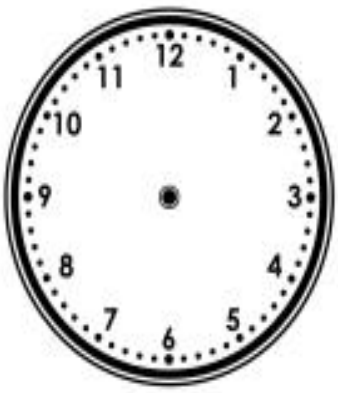
RPS
HW/Ext

Challenge

4. Draw a line to match the times to the number on the clock that the minute hand would be pointing at.

10 past

5 to

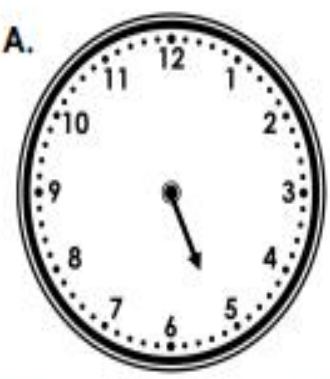


20 past

quarter to

5. Draw the minute hand on the clocks to tell the correct time.

A.



20 past 5

B.

10 past 9

6. Bill's oven has broken and he can only cook one bun at a time. He has 5 buns and each bun will take 5 minutes to cook.

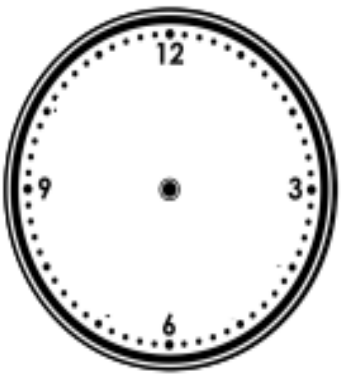
Is Bill correct?
Explain how you know.

Challenge

7. Draw a line to match the times to the number place on the clock that the minute hand would be pointing at.

25 past

5 past



25 to

quarter past

VF
HW/Ext

8. Draw the minute hand on the clocks to tell the correct time.

A.

5 past 12

B.

10 to 9

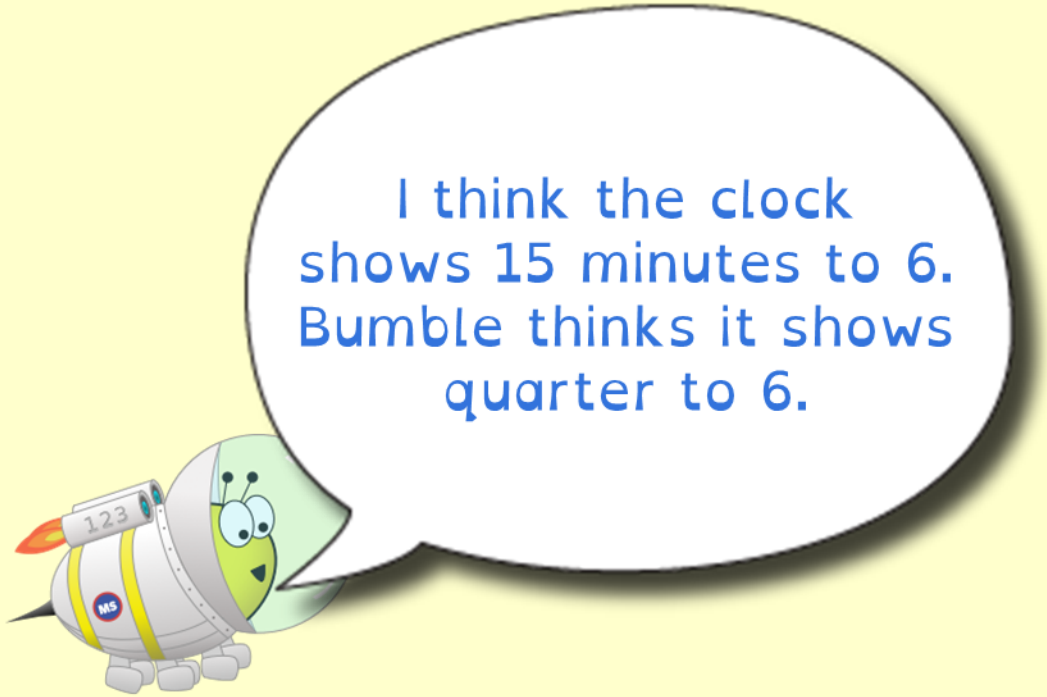
VF
HW/Ext

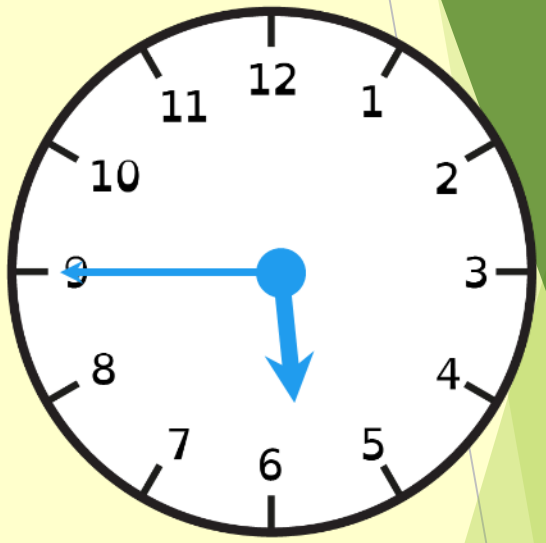
9. It takes Faye 5 minutes to plant each flower in her garden. She has 11 flowers to plant.

Is Faye correct?
Explain how you know.

RPS
HW/Ext

Reflection Time





Who do you agree with?

Explain your answer.

Time

05.06.20

Date: 05.06.20

LO: To be able to convert between days, hours and minutes

Success Criteria

- ✓ I can use my knowledge that there are 24 hours in a day and 60 minutes in an hour to convert between days and hours and to convert between hours and minutes
- ✓ I can explain my reasoning when using my knowledge that there are 24 hours in a day and 60 minutes in an hour to convert between days and hours and to convert between hours and minutes

Starter

Use the clock to help you complete the sentences below.

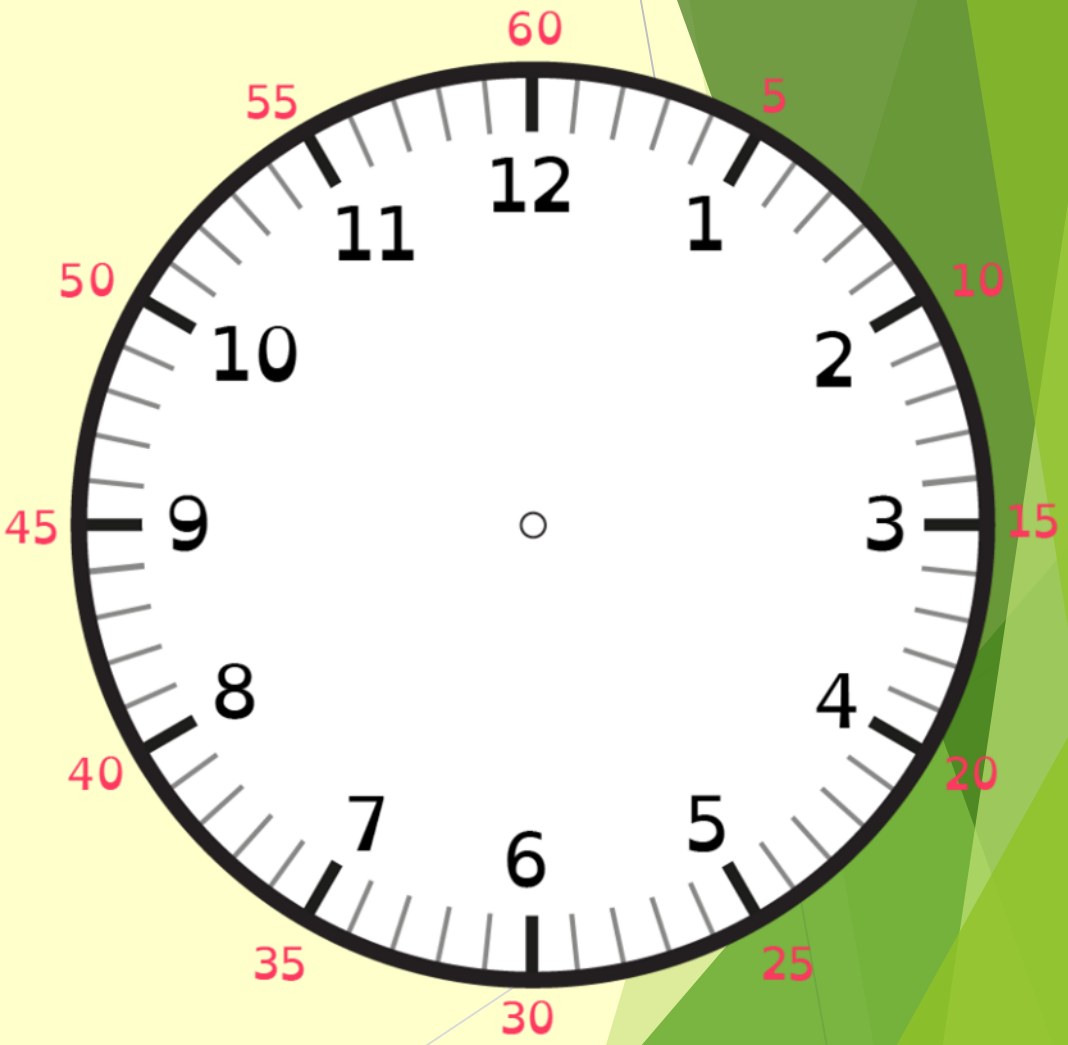
There are ___ minutes in half an hour.

There are ___ minutes in a quarter hour.

There are ___ minutes in an hour.

Which one doesn't belong?

Explain your answer.



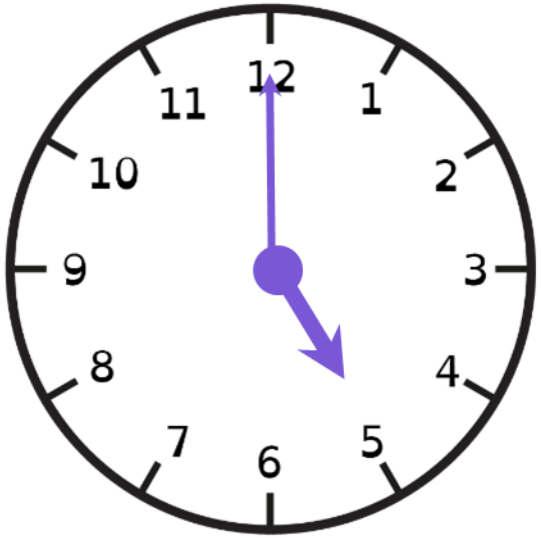
Descriptive Teaching

If we start at midnight, what is the next hour? _____

Is this in the morning or afternoon?
How do you know?

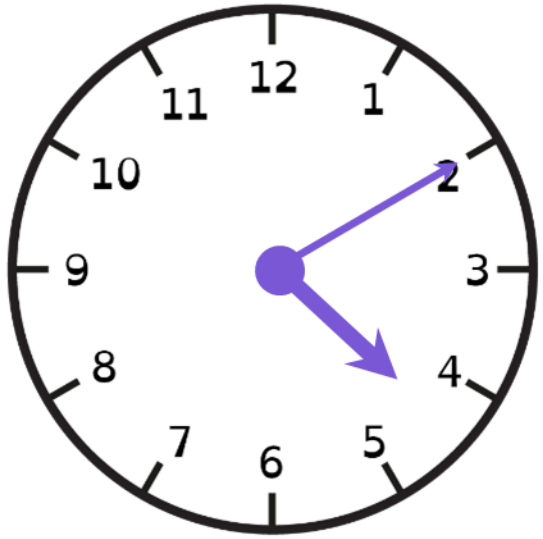
Descriptive Teaching

Complete the table below.

60 minutes earlier	current time	30 minutes later
		

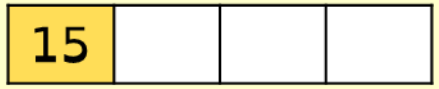
Descriptive Teaching

Complete the table below.

60 minutes earlier	current time	30 minutes later
		

Descriptive Teaching

Match each bar model to its total.



2 hours

quarter hour

1 hour

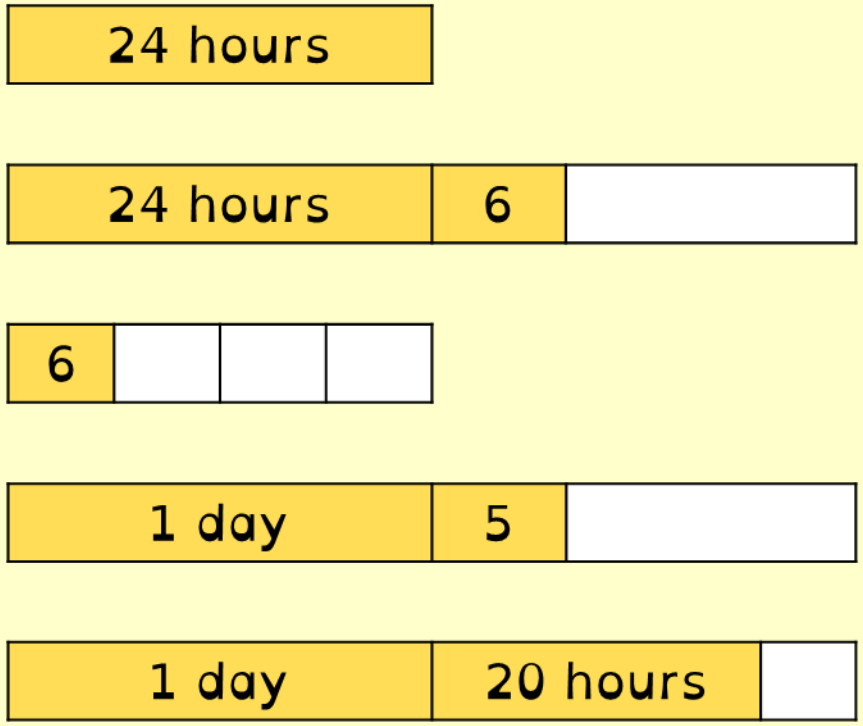
1 ½ hours

70 minutes

Descriptive Doing

It is important to use the bar model to help you

Match each bar model to its total.



29 hours

quarter of a day

1 day

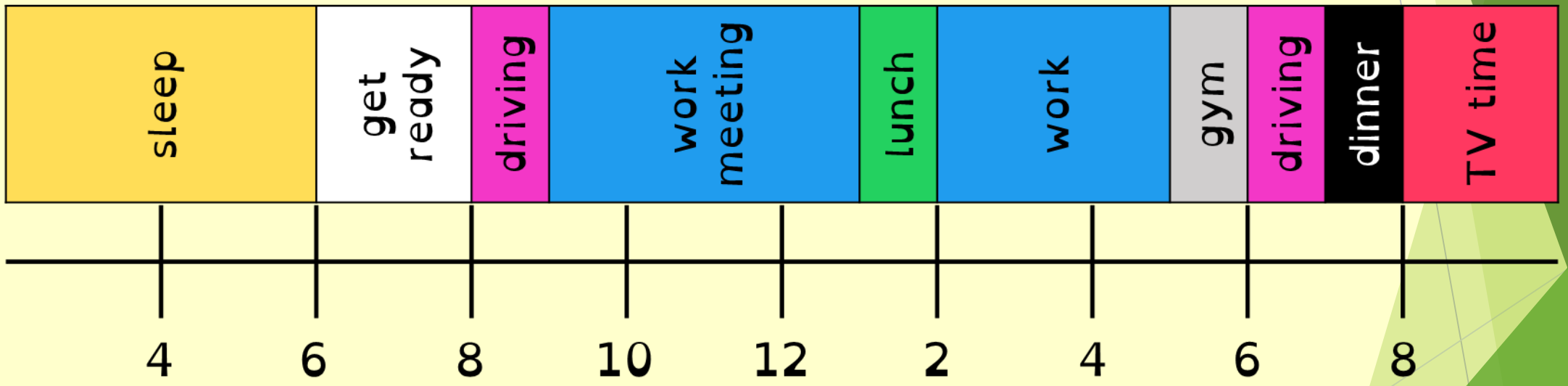
44 hours

30 hours

Reflective Teaching

It is important to use the bar model to help you

The model below shows part of Jamal's aunt's day.



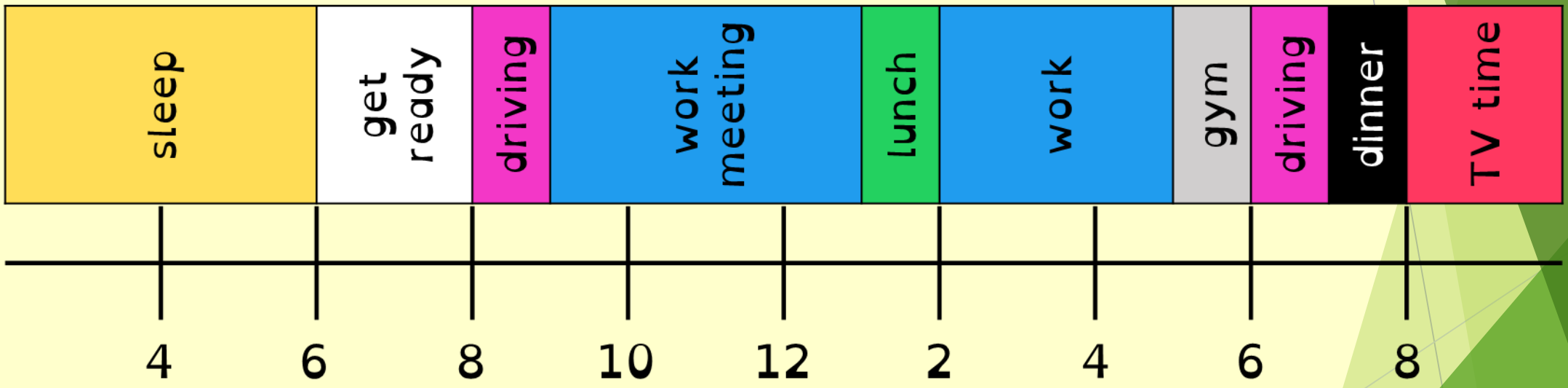
Complete the sentence:

Jamal's aunt woke up at

Reflective Teaching

It is important to use the bar model to help you

The model below shows part of Jamal's aunt's day.



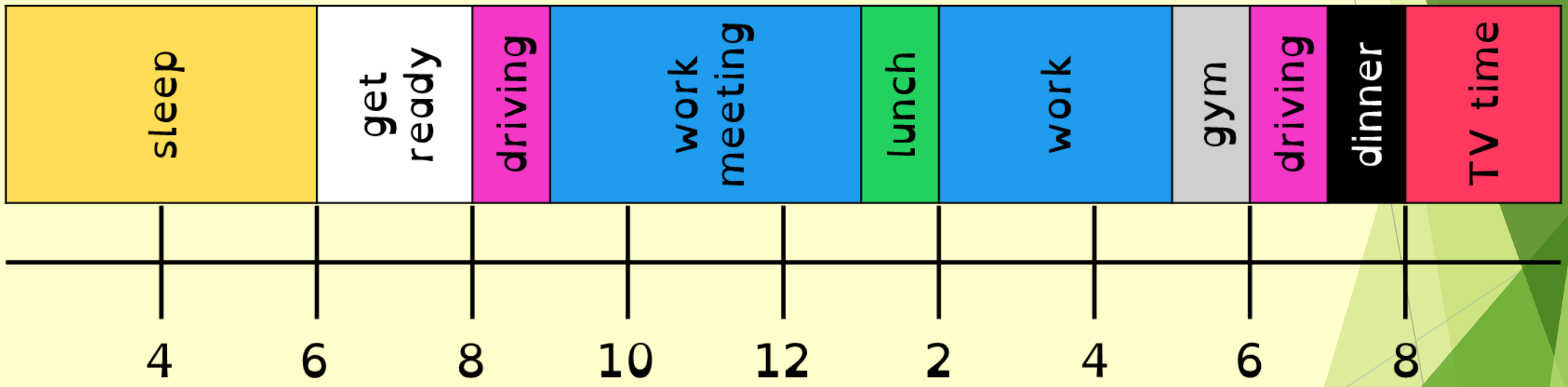
Complete the sentence:

She ends her lunch break at

Reflective Teaching

It is important to use the bar model to help you

The model below shows part of Jamal's aunt's day.



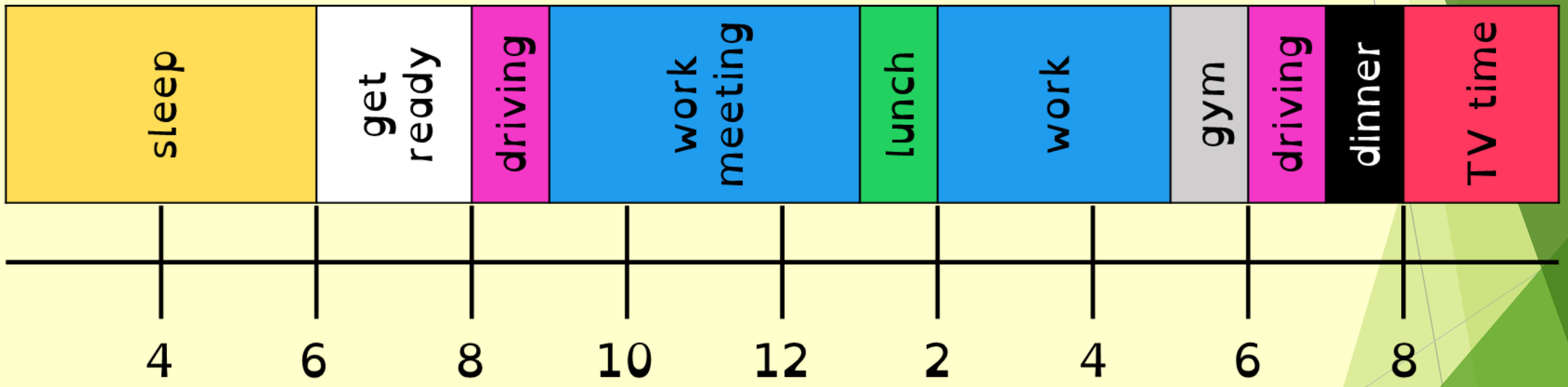
Complete the sentence:

She spends _____ getting ready in the morning.

Reflective Doing

It is important to use the bar model to help you

The model below shows part of Jamal's aunt's day.



Write your own questions and sentences!

Challenge

1. Tara has started to complete the table by converting minutes and hours. Fill in the missing boxes to help her finish the table.

Activity	Hours and Minutes	Minutes
A. Make some cookies		70 minutes
B. Shopping	1 hour 20 minutes	
C. Watch a film	1 hour 50 minutes	
D. Go to the park		90 minutes
E. Gymnastics	1 hour	
F. Visit Grandad		100 minutes

VF
HW/Ext

2. The children have dropped their time cards. Match the children to the correct length of time.

Noah: Mine was 24 hours.

Oscar: Mine converted to 2 hours.

Meg: I had 110 minutes.

Zara: Mine converted to 100 minutes.

1 day	1 hour 50 minutes	1 hour 40 minutes	120 minutes

VF
HW/Ext

3. Esme and Michael are comparing the time they spent playing snakes and ladders.

Esme: I played for the longest time. I played for 1 hour 30 minutes.

Michael: I played for the longest time. I played for 100 minutes.

Who do you agree with? Explain why.

RPS
HW/Ext

Challenge

4. Sam has started to complete the table by converting minutes and hours. Fill in the missing boxes to help him finish the table.

Activity	Hours and Minutes	Minutes
A. Bake a cake		65 minutes
B. Football match	1 hour 30 minutes	
C. Maths lesson	1 hour 15 minutes	
D. Lunchtime		45 minutes
E. Watch a film		120 minutes
F. Go bowling	1 hour 25 mins	

VF
HW/Ext

5. The children have dropped their time cards. Match the children to the correct length of time.

Tara: Mine converted to 1 hour 45 minutes.

Freya: Mine was 1 day.

Seth: I had 95 minutes.

Seb: Mine converted to 1 hour 55 minutes.

24 hours	115 minutes	105 minutes	1 hour 35 minutes

VF
HW/Ext

6. Ellie and Josh are comparing the time they spent playing cards.

Ellie: I played cards for the shortest time. I played for 1 hour 25 minutes.

Josh: I played cards for the shortest time. I played for 95 minutes.

Who do you agree with? Explain.

RPS
HW/Ext

Challenge

7. Dan has started to complete the table by converting minutes and hours. Fill in the missing boxes to help him finish the table.

Activity	Hours and Minutes	Minutes
A. Shopping		135 minutes
B. Baking		145 minutes
C. Dance competition	3 hours	
D. Watch a film	2 hours 10 minutes	
E. Family walk		175 minutes
F. Party	2 hours 30 minutes	

VF
HW/Ext

8. The children have dropped their time cards. Match the children to the correct length of time.

Logan: Mine converted to 2 hours 15 minutes.

Grace: Mine was 200 minutes.

Abi: I had 155 minutes.

Ben: Mine converted to 2 hours 35 minutes.

3 hours 20 minutes	135 minutes	2 hours 35 minutes	155 minutes

VF
HW/Ext

9. Marty and Emily are comparing the time they spent playing on their consoles.

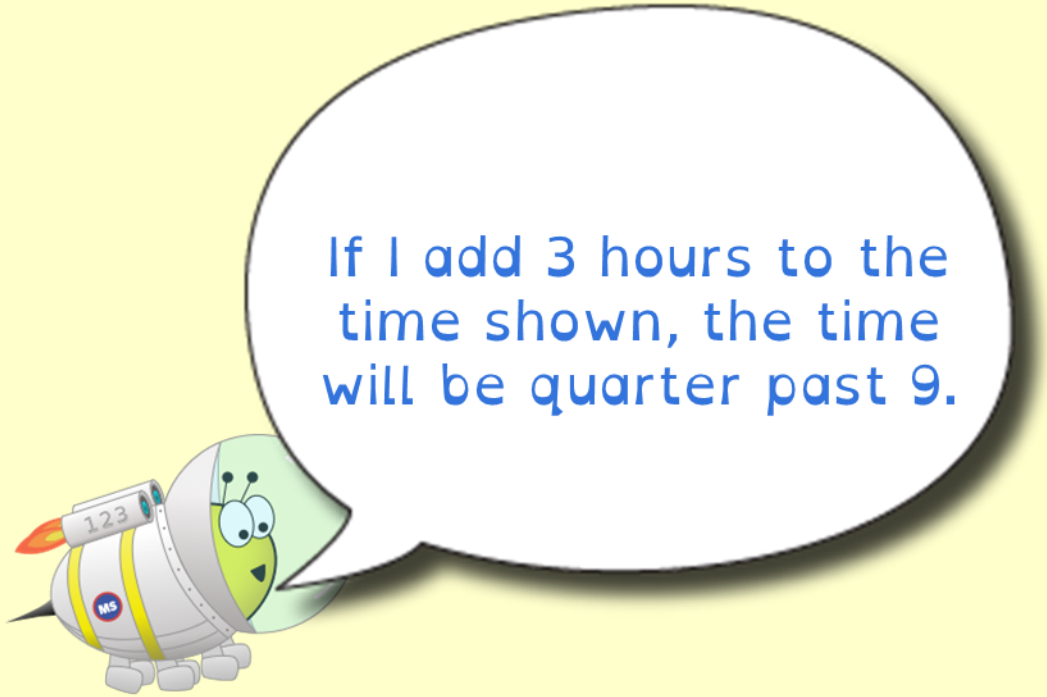
Marty: I played for the shortest time. I played for 2 hours 10 minutes.

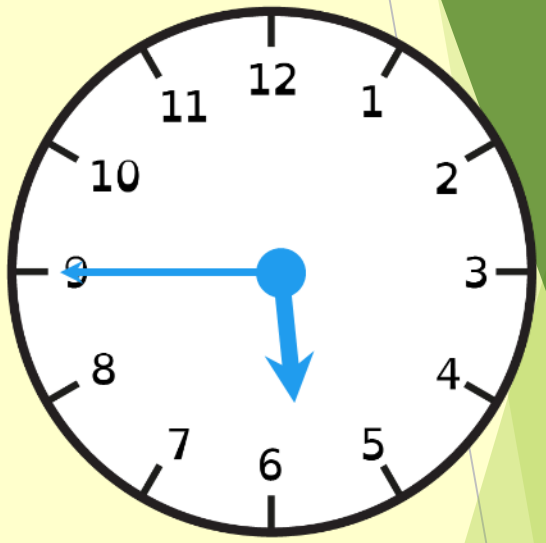
Emily: I played on my console for the shortest time. I played for 145 minutes.

Who do you agree with? Explain.

RPS
HW/Ext

Reflection





Do you agree?

Explain your answer.